QUALITY CONTROL SUMMARY REPORT

First Quarter 2008
Drain Tile and Seep Sampling Event
Former Nebraska Ordnance Plant
Mead, Nebraska

Prepared for

U.S. Army Corps of Engineers
Kansas City Districts

July 2008

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SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by contractor)

Attn: Jerry Montgomery USACE, Kansas City District 601 E. 12th St. Kansas City, MO 64106-2896	FROM: John Ryder ECC 1746 Cole Blvd, Bldg 21, Lakewood, CO 80401	CONTRACT NO. W912DQ-04-D-0017, Task Order 0001	CHECK ONE: __X__ THIS IS A NEW TRANSMITTAL ____ THIS IS A RESUBMITTAL OF TRANSMITTAL _____
SPECIFICATION SECTION NO. (cover only one section with each transmittal)	PROJECT TITLE AND LOCATION: Groundwater Monitoring Program, Former Nebraska Ordnance Plant, Mead, Nebraska		CHECK ONE: ___ FIO __X__ For Govt. Approval

ITEM NO. *a.*	DESCRIPTION OF ITEM SUBMITTED *(Type, size, model number, etc.)* *b.*	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. *(See instruction No. 8)* *c.*	NO. OF COPIES *d.*	CONTRACT REFERENCE DOCUMENT SPEC. PARA. NO. *e.*	DRAWING SHEET NO. *f.*	FOR CONTRACTOR USE CODE *g.*	VARIATION *(See instruc. no. 6)* *h.*	FOR C E USE CODE *i.*
1	Quality Control Summary Report		1					
	First Quarter 2008 Drain Tile and Seep Sampling Event							

REMARKS	I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as otherwise stated. John Ryder, Denver Science & Engineering Group _____ NAME AND SIGNATURE OF CONTRACTOR
Sandeep Mehta (USACE) Natalae Tillman (USACE) David Nelson (USACE) Jason Leibbert (USACE) Kristine M Stein (USACE)	

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by Item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

Quality Control Summary Report
First Quarter 2008 Drain Tile and Seep Sampling Event
Former Nebraska Ordnance Plant
Mead, Nebraska

1.0 INTRODUCTION

The flowing Seeps and Drain Tiles (Johnson Creek) sampling was conducted by ECC as contracted by the United States Army Corps of Engineers (USACE), Kansas City District on February 1, 2008 and on March 4, 2008 at the former Nebraska Ordnance Plant, near Mead, Nebraska. ECC performed all sampling activities in accordance with the Field Sampling Plan and Quality Assurance Project Plan (QAPP) of the *Work Plan and Sampling and Analysis Plan for Groundwater Monitoring Well Sampling* (ECC, 2006). This Quality Control Summary Report presents a summary of the chemical data quality review for the first quarter 2008 Drain Tile sampling event.

Samples were analyzed for the following constituents:

- Volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8260B
- Explosives by EPA Method 8330.

All analyses were performed by TestAmerica of South Burlington, Vermont.

Table 1-1 presents the seeps and drain tiles that were flowing and could be sampled, the corresponding sample identifications (IDs) for these seeps and drain tiles, and the required analyses for the first quarter 2008 drain tile sampling event. The Chain of Custody Records (COCs) and field notes are included as Appendices A and B, respectively. Appendix C presents an explanation of data validation qualifiers and drinking water standards. Appendix D contains a compact disc (CD) with all analytical data, including summary forms and raw data, for the first quarter 2008 drain tile sampling event.

2.0 FIELD SAMPLING ACTIVITIES

Samples from 12 drain tiles and 19 seeps were collected during the first quarter 2008 drain tile sampling even for VOCs. Four field duplicate samples, three matrix spike (MS)/matrix spike duplicate (MSD) pairs, and two trip blanks were collected for the VOC analysis. Only one of the drain tiles was sampled for the explosive analysis

Table 2-1 provides the following sample collection information:

- QC split sample information;
- MS/MSD sample information;
- A cross-reference between laboratory sample IDs and field sample IDs;
- Sample delivery group (SDG) numbers;
- COC numbers;
- Dates of sample collection and sample receipt by the laboratory; and
- Requested analyses.

3.0 ANALYTICAL RESULTS

A summary of the analytical results is presented in Table 3-1 (VOCs) and Table 3-2 (explosives). Detections are presented in Table 3-3 (VOCs) and Table 3-4 (explosives). Field duplicate results are presented in Tables 3-5 (VOCs) and the trip blank results are presented in Table 3-6. The data in Tables 3-1 through 3-6 are presented alpha-numerically by surface water location, as listed in Table 1-1.

4.0 DATA QUALITY EVALUATION PROCEDURES

The following subsections present results of the data quality evaluation. This evaluation was performed in accordance with *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007) and the *Data Quality Evaluation Guidance, USACE CENWK-EC-EF* (USACE, 2001). Qualifiers were assigned based on laboratory QC criteria. The data quality evaluation results are presented in Table 4-1 according to field sample ID. Table 4-2 presents QC outliers for the VOC analyses and Table 4-3 presents QC outliers for explosives.

4.1 Sample Receipt at the Laboratory

All sample transfer requirements were met for samples received at the laboratory with the exception discussed below. The samples were received at the laboratory properly preserved, on ice and within the recommended temperature range of 4 ± 2 °C.

According to the laboratory Sample Receipt and Log in Sheet, the sample IDs for one vial for sample SP-010-012008 and for one vial for sample SP-011-012008 did not agree with the COC. Sample location and COC information were used.

According to the laboratory Sample Receipt and Log in Sheet, one of the vials for sample SP-011-012008 was received with headspace. This vial was only used for screening purposes and no action was required.

4.2 Holding Times

The preserved VOC water samples were analyzed within 14 days of sample collection.

Sample DT-20-032008 was initially extracted within seven days and the extract was analyzed within 40 days of extraction for the explosive analysis. This sample was re-extracted due to low LCS recoveries. However, the re-extraction occurred beyond the seven day holding time. Although the LCS recoveries improved in the re-extracted analysis, the results from the reanalysis were not used because the exceeded holding time would result in more qualification.

Therefore all results are reported from the initial analysis and no holding time qualification was taken.

4.3 Tuning and Calibration

According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), assessment of tune and calibration information is assessed using the laboratory case-narrative or summary forms. No deviations from method or Laboratory Quality Management Plan (LQMP) specifications for the calibration and tuning of pertinent instrumentation were reported by the laboratory in the project-specific case narrative with the exceptions noted below.

The case narratives indicated that the responses for bromomethane and chloroethane from the initial calibrations were outside quality control criteria. Evaluation of the initial calibration summary Form 6s indicated that the %RSDs for bromomethane were less than 30% and no action was required. However, the %RSD for chloroethane (35.1%) in the March 13, 2008 initial calibration exceeded 30%. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detections are qualified as estimated (J) and non-detects are qualified as estimated (UJ) if the %RSD exceeds 30%. Therefore, the following non-detected results in the associated samples were qualified as estimated (UJ):

- Chloroethane in samples DT-015-032008, DT-215-032008, DT-017-032008, DT-217-032008, DT-018-032008, DT-218-032008, DT-019-032008, DT-020-032008, SP-003-032008, and SP-004-032008

The case narratives also indicated that the response for chloroethane from a continuing calibration was outside quality control criteria. Evaluation of associated continuing calibration summary Form 7 indicated that the %D was less than 25% and no action was required.

Refer to Table 4-2 for the VOC calibration outliers.

4.4 Laboratory Method Blanks

A laboratory method blank is an analyte-free matrix that is carried through the entire preparation and analysis sequence for the purpose of identifying potential contamination introduced during preparation and analysis. Method blanks were analyzed for each sample batch for all analyses.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detections were qualified as non-detect (U) if the concentration in the sample was less than five times the concentration in the associated blank. For common laboratory contaminants, results were qualified as described above if the concentration in the sample was less than ten times the concentration in the associated blank. Sample results that are either non-detect (U), or greater than five or ten times the blank result do not require qualification.

No target analytes were detected in the VOC or explosive method blanks.

4.5 Trip Blanks

A trip blank is an analyte-free matrix that accompanies samples through the sample collection and transportation process to identify potential VOC contamination. In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detections are qualified as non-detect (U) if the concentration in the sample is less than five times the concentration in the associated blank (ten times for common laboratory contaminants). Sample results that are either non-detect (U), or greater than five or times the blank result do not require qualification.

A trip blank accompanied samples submitted for analysis of VOCs, as required. Target compounds were not detected in the volatile trip blanks. Trip blank results are summarized in Table 3-6.

4.6 Surrogates

Surrogates are compounds not normally found in the environment that are added (spiked) into samples prior to extraction (for extractable methods) and prior to analysis (for non-extractable methods). The percent recovery (% REC) of each surrogate is used to assess the success of the sample preparation process for each sample.

All samples were spiked with appropriate surrogate compounds. The %REC for the surrogate compound toluene-d8 (112%) exceeded the laboratory QC limits (85-110%) in the matrix spike duplicate analysis of sample SP-019-032008. No action was required as QC samples are not qualified and the parent sample %RECs were acceptable. All remaining surrogate results were within the respective % REC limits.

4.7 Laboratory Control Sample / Laboratory Control Sample Duplicate

A laboratory control sample (LCS) consists of a matrix, similar to that of the field sample, which A laboratory control sample (LCS) consists of a matrix similar to that of the field sample. The LCS is spiked with known concentrations of analytes. The LCS % REC is a measure of the method accuracy.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the associated samples are J-coded for detects and UJ-coded for non-detects if the LCS % RECs are below the laboratory QC limits, but greater than 10%.

Non-detects are R-coded if % RECs are less than 10%. Also in accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the associated samples are J-coded for detects if the % RECs are greater than the QC limits. No action is required for non-detects. Additionally, results for the affected analyte in the associated samples are J-coded for detects and UJ-coded for non-detects if the RPD exceeds 30%.

The LCS/LCSD % RECs for 4-amino-2,6-dinitrotoluene (72% / 75%) and 2-amino-4,6-dinitrotoluene (68% / 70%) were below the laboratory QC limits of 85-130% and 75-120%, respectively. As a result, the following were qualified as estimated (J/UJ):

- 4-Amino-2,6-dinitrotoluene and 2-amino-4,6-dinitrotoluene in sample DT-020-032008
  [Note: The sample was re-extracted and reanalyzed outside holding times and the LCS/LCSD recoveries were within criteria. However, since the re-extracted analysis would result in all results being qualified as estimated, only the original results are reported.]

The LCS % RECs for acetone, 2-butanone, and 2-hexanone exceeded the laboratory QC limits for the LCS/LCSD analyses LA020408LCS and LA020408LCSD. No action was required for the elevated LCS %RECs because acetone, 2-butanone, and 2-hexanone were not detected in the associated samples.

All other LCS/LCSD % RECs were within laboratory QC limits and all RPDs were less than 30%. Refer to Table 4-3 (explosives) for the QC outliers, resulting in sample qualification.

4.8 Matrix Spike / Matrix Spike Duplicate

MS/MSD analyses measure method accuracy and precision for a project-specific matrix. A field sample is split into three portions (original, MS, and MSD) and known amounts of analytes are added (spiked) into the MS and MSD portions of the sample. The analytical results of these two portions are compared to each other for reproducibility using the RPD. These results are also compared against the unspiked portion of the sample for % REC of the spiked analytes.

Three sets of MS/MSD samples were collected for the volatile analyses.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the parent sample are J-coded for detects and UJ-coded for non-detects if the MS/MSD % RECs are below the laboratory QC limits but greater than 10%. Non-detects are R-coded if % RECs are less than 10%. Also in accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the parent sample are J-coded for detects if the MS/MSD % RECs are greater than the QC limits. No action is required for non-detects. Additionally, results for the affected analyte in the parent samples are J-coded for detects and UJ-coded for non-detects if the RPD exceeds QC limits.

The MS/MSD % RECs for trichloroethene (TCE) (70%/ 70%) were below the laboratory QC limits (80-115%) for sample SP-003-032008. As a result of the low recoveries, the following detected result was qualified as estimated (J) in the parent sample:

- TCE in sample SP-003-032008

The MS/MSD %RECs for TCE (270%/ 170%) for sample SP-019-032008 were also reported by the laboratory as exceeding the laboratory QC limits. However, no action was taken because the parent sample amount of 93 ug/L was well above the spiking level (10 ug/L) making the % RECs not applicable. Additionally, the RPD of 45% for TCE was calculated using the % RECs. However, the RPD calculated using the MS/MSD concentrations (120 ug/L and 110 ug/L) would be less than the QC limits of 30%.

Refer to Table 4-2 (VOCs) for the QC outliers, resulting in sample qualification.

4.9 Field Duplicates

Field duplicates provide information regarding the reproducibility of analytical results and account for error introduced from handling, shipping, preparing, and analyzing field samples.

The following field duplicate pairs were collected during the first quarter 2008 drain tile sampling event:

- DT-015-122007 / DT-215-032008 (VOCs)
- DT-017-122007 / DT-217-032008 (VOCs)
- DT-018-122007 / DT-218-032008 (VOCs)
- SP-012-012008 / SP-212-012008 (VOCs)

In accordance with the *Data Quality Evaluation Guidance, USACE CENWK-EC-EF* (USACE, 2001) and the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), data are not qualified based on field duplicate sample results. Results within a factor of two of each other were considered to be in agreement. Results between a factor of two to three of each other were considered a minor discrepancy, and results greater than a factor of three were considered a major discrepancy.

All field duplicate results were within a factor of two of each other. It should be noted that acetone was detected in DT-217-122007 at 2.0 ug/L, but was not detected in sample DT-017-122007. The results are considered acceptable because the detected result in sample DT-217-122007 was at a concentration below the reporting limit.

Field duplicate results are summarized in Table 3-5.

4.10 Dilutions and Re-analyses

Qualifiers assigned as a result of calibration range exceedance are not used in the calculation of analytical data completeness percentages if there are acceptable results from diluted sample analyses.

The following samples required a diluted analysis due to analyte concentrations above the calibration range:

- DT-015-032008 – Trichloroethene (TCE)
- DT-215-032008 – TCE
- SP-006-012008 – TCE
- SP-007-012008 – TCE
- SP-008-012008 – TCE
- SP-009-012008 – TCE
- SP-010-012008 – TCE
- SP-011-012008 – TCE
- SP-012-012008 – TCE
- SP-212-012008 – TCE
- SP-013-012008 – TCE
- SP-014-012008 – TCE
- SP-017-032008 – TCE
- SP-018-032008 – TCE
- SP-019-032008 – TCE
- SP-020-032008 – TCE

The original samples results for TCE in the above samples was flagged "E" by the laboratory as exceeding the calibration range and are considered an estimated values. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results exceeding the calibrations range are not used for reporting or project decisions when acceptable results from dilutions are available. Therefore, the diluted concentrations should be used for TCE and the original undiluted analysis should be used for all other results for these samples. The diluted results other than the result for TCE are not used.

No qualifiers were assigned as a result of exceeded calibration ranges as acceptable results from diluted sample analyses were provided.

4.11 Other QC Parameters

A column comparison between the detected explosive results was made using explosive identification summary forms. The validator confirmed all reported explosives detections and column RPDs.

The following results had RPDs greater than 40% and the results were qualified as estimated (J):

- 1,3-Dinitrobenzene, nitrobenzene, 2,4,6-trinitrotoluene, 4-amino-2,6-dinitrotoluene, tetryl, 2-nitrotoluene, and 4-nitrotoluene in sample DT-020-032008

4.12 Laboratory Qualifiers

Analytes detected below the quantitation limit or reporting limit, but above the lowest level of detection were quantified and results were assigned an estimated (J) qualifier by the laboratory. These qualifiers were carried over by the validator and were not used to determine analytical completeness or project completeness (Section 5.0).

5.0 OVERALL ASSESSMENT

The following subsections present the field completeness, analytical completeness, and project completeness determinations for the first quarter 2008 drain tile sampling event. All completeness goals were established in the QAPP (ECC, 2006).

5.1 Field Completeness

Field completeness for sample collection is assessed by comparing the number of samples collected to the number of samples planned for collection. Although several additional drain tiles and sweeps were identified along Johnson Creek, only those flowing during each sampling event were to be sampled. Therefore field completeness for the VOCs is considered to be 100% and the field completeness for the explosives is 100%. The overall field completeness percentage is 100%. The field completeness percentage exceeds the field completeness goal of 95%. Section 2.0 presents the field sampling activities, including any deviations from planned sampling if applicable. Table 5-1 presents field completeness values.

5.2 Analytical Completeness

Analytical completeness is calculated as both acceptable data completeness and quality data completeness.

Acceptable data is a measure of laboratory contract compliance. Acceptable data includes data that have not been rejected or qualified as estimated (J). Qualified data are considered acceptable if appropriate corrective actions were taken by the laboratory. Acceptable data completeness percentages for VOCs at 99.5% exceeded the acceptable data completeness goal for each analytical method of 90%. However, the acceptable data completeness for the explosive analysis at 86% was below the acceptable data completeness goal of 90%. Only one sample was collected for explosive analysis and two of the fourteen data points were qualified as estimated (due to LCS) in this analysis. The overall acceptable data completeness is 99%, which is above the overall acceptable data completeness goal of 95%.

Quality data is a measure of the percentage of usable data points. Usable data points include all non-rejected data. Rejected data points with replacement data do not count against quality data completeness. Quality data completeness percentages for VOCs and explosives are 100%, which exceeds the quality data completeness goals of 80% for each analytical method. Overall quality data completeness is 100%, which exceeds the overall quality data completeness goal of 80%. Table 5-2 presents analytical data completeness values.

5.3 Project Completeness

Project completeness combines sampling and analytical protocols to assess the project as a whole. Project completeness is assessed by comparing the percentage of samples/measurements that are determined to be usable to the total number of samples/measurements planned. Project completeness is calculated using field completeness and analytical completeness (quality data) percentages. Analytical completeness for the sampling event was 100% and field completeness was 100%. The project completeness was calculated as 100%. Table 5-3 presents project completeness values.

6.0 CONCLUSIONS

Data are valid for use, as qualified. No data points were qualified as rejected (R). Overall field completeness is 100%, acceptable data completeness is 99%, quality data completeness is 100%, and project completeness is 100%. Qualifiers assigned due to calibration range exceedance and intercolumn RPDs did not effect analytical or project completeness.

7.0 REFERENCES

ECC, 2006, *Work Plan and Sampling and Analysis Plan for Groundwater Monitoring Well Sampling*, Part I - Work Plan, Part II - Field Sampling Plan, Part III - Quality Assurance Project Plan, June.

ECC, 2007 *Mead Validation Guidelines*, (approved by USACE 2007).

USACE, 2001, *CENWK-EC-EF Data Quality Evaluation Guidance,* July.

Tables

Table 1-1
Sample Collection Summary
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Location	Sample Identifications[2]	Analyses[1]
DT-01	DT-001-032008	Volatiles
DT-02	DT-002-032008	Volatiles
DT-03	DT-003-032008	Volatiles
DT-06	DT-006-032008	Volatiles
DT-11	DT-011-032008	Volatiles
DT-12	DT-012-032008	Volatiles
DT-13	DT-013-032008	Volatiles
DT-15	DT-015-032008	Volatiles
DT-17	DT-017-032008	Volatiles
DT-18	DT-018-032008	Volatiles
DT-19	DT-019-032008	Volatiles
DT-20	DT-020-032008	Volatiles, Explosives
SP-01	SP-001-032008	Volatiles
SP-02	SP-002-032008	Volatiles
SP-03	SP-003-032008	Volatiles
SP-04	SP-004-032008	Volatiles
SP-06	SP-006-012008	Volatiles
SP-07	SP-007-012008	Volatiles
SP-08	SP-008-012008	Volatiles
SP-09	SP-009-012008	Volatiles
SP-10	SP-010-012008	Volatiles
SP-11	SP-011-012008	Volatiles
SP-12	SP-012-012008	Volatiles
SP-13	SP-013-012008	Volatiles
SP-14	SP-014-012008	Volatiles
SP-15	SP-015-012008	Volatiles
SP-16	SP-016-032008	Volatiles
SP-17	SP-017-032008	Volatiles
SP-18	SP-018-032008	Volatiles
SP-19	SP-019-032008	Volatiles
SP-20	SP-020-032008	Volatiles

Notes:

[1] = Volatiles by EPA Method 8260 and Explosives by EPA SW-846 Method 8330.

[2] = Only Seeps and Drain tiles flowing at time of collection were sampled as requested.

Table 2-1
Sample Collection Summary
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Laboratory	COC ID	Laboratory ID	SDG	Analyses	
								VOCs	Explosives
Field Samples									
DT-001-032008			3/4/2008	3/5/2008	None	742322	124386	●	
DT-002-032008			3/4/2008	3/5/2008	None	742323	124386	●	
DT-003-032008			3/4/2008	3/5/2008	None	742325	124386	●	
DT-006-032008			3/4/2008	3/5/2008	None	742326	124386	●	
DT-011-032008			3/4/2008	3/5/2008	None	742327	124386	●	
DT-012-032008			3/4/2008	3/5/2008	None	742328	124386	●	
DT-013-032008			3/4/2008	3/5/2008	None	742329	124386	●	
DT-015-032008			3/4/2008	3/5/2008	None	742330	124386	●	
	DT-215-032008		3/4/2008	3/5/2008	None	742331	124386	●	
DT-017-032008			3/4/2008	3/5/2008	None	742334	124386	●	
	DT-217-032008		3/4/2008	3/5/2008	None	742335	124386	●	
DT-018-032008			3/4/2008	3/5/2008	None	742336	124386	●	
	DT-218-032008		3/4/2008	3/5/2008	None	742337	124386	●	
DT-019-032008			3/4/2008	3/5/2008	None	742338	124386	●	
DT-020-032008			3/4/2008	3/5/2008	None	742339	124386	●	●
SP-001-032008			3/4/2008	3/5/2008	None	742332	124386	●	
SP-002-032008			3/4/2008	3/5/2008	None	742333	124386	●	
SP-003-032008			3/4/2008	3/5/2008	None	742340	124386	●	
		SP-003-032008MS	3/4/2008	3/5/2008	None	742340MS	124386	●	
		SP-003-032008MSD	3/4/2008	3/5/2008	None	742340MD	124386	●	
SP-004-032008			3/4/2008	3/5/2008	None	742341	124386	●	
SP-006-012008			1/29/2008	1/30/2008	None	739446	123966	●	
SP-007-012008			1/29/2008	1/30/2008	None	739445	123966	●	
SP-008-012008			1/29/2008	1/30/2008	None	739447	123966	●	
SP-009-012008			1/29/2008	1/30/2008	None	739448	123966	●	
SP-010-012008			1/29/2008	1/30/2008	None	739449	123966	●	
SP-011-012008			1/29/2008	1/30/2008	None	739450	123966	●	
SP-012-012008			1/29/2008	1/30/2008	None	739453	123966	●	
	SP-212-012008		1/29/2008	1/30/2008	None	739454	123966	●	

Table 2-1
Sample Collection Summary
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Laboratory	COC ID	Laboratory ID	SDG	Analyses	
								VOCs	Explosives
SP-013-012008			1/29/2008	1/30/2008	None	739451	123966	●	
		SP-013-012008MS	1/29/2008	1/30/2008	None	739451MS	123966	●	
		SP-013-012008MSD	1/29/2008	1/30/2008	None	739451MD	123966	●	
SP-014-012008			1/29/2008	1/30/2008	None	739452	123966	●	
SP-015-012008			1/29/2008	1/30/2008	None	739455	123966	●	
SP-016-032008			3/4/2008	3/5/2008	None	742318	124385	●	
SP-017-032008			3/4/2008	3/5/2008	None	742319	124385	●	
SP-018-032008			3/4/2008	3/5/2008	None	742320	124385	●	
SP-019-032008			3/4/2008	3/5/2008	None	742321	124385	●	
		SP-019-032008MS	3/4/2008	3/5/2008	None	742321MS	124385	●	
		SP-019-032008MSD	3/4/2008	3/5/2008	None	742321MD	124385	●	
SP-020-032008			3/4/2008	3/5/2008	None	742317	124385	●	
Trip Blanks									
TRB-207-012008			1/29/2008	1/30/2008	None	739456	123966	●	
TRB-201-032008			3/4/2008	3/5/2008	None	742324	124386	●	

Notes:

● = Sample was collected for the indicated analysis
COC = Chain of Custody Record
ID = Identification
MS/MSD Matrix Spike/Matrix Spike Duplicate
SDG = Sample Delivery Group
VOCs = Volatile Organic Compounds

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-01	DT-02	DT-03	DT-06	DT-11	DT-12	DT-13
Field Sample ID:		DT-001-032008	DT-002-032008	DT-003-032008	DT-006-032008	DT-011-032008	DT-012-032008	DT-013-032008
Laboratory Sample ID:		742322	742323	742325	742326	742327	742328	742329
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.48 J
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	9.7
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-01	DT-02	DT-03	DT-06	DT-11	DT-12	DT-13
Field Sample ID:		DT-001-032008	DT-002-032008	DT-003-032008	DT-006-032008	DT-011-032008	DT-012-032008	DT-013-032008
Laboratory Sample ID:		742322	742323	742325	742326	742327	742328	742329
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.58 J
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.48 J
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	8.4	13	6.3	8.5
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

	Station ID:	DT-01	DT-02	DT-03	DT-06	DT-11	DT-12	DT-13
	Field Sample ID:	DT-001-032008	DT-002-032008	DT-003-032008	DT-006-032008	DT-011-032008	DT-012-032008	DT-013-032008
	Laboratory Sample ID:	742322	742323	742325	742326	742327	742328	742329
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-15	DT-15	DT-17	DT-17	DT-18	DT-18	DT-19
Field Sample ID:		DT-015-032008	DT-215-032008	DT-017-032008	DT-217-032008	DT-018-032008	DT-218-032008	DT-019-032008
Laboratory Sample ID:		742330	742331	742334	742335	742336	742337	742338
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample
Analysis Information		DL 1.8 I 1	DL 1.8 I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	0.87 J	0.72 J	0.48 J	0.43 J	0.50 J	0.43 J	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	3.0 J	2.7 J	5.0 U	2.0 J	5.0 U	5.0 U	2.7 J
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:			DT-15			DT-15		DT-17	DT-17	DT-18	DT-18	DT-19
Field Sample ID:			DT-015-032008			DT-215-032008		DT-017-032008	DT-217-032008	DT-018-032008	DT-218-032008	DT-019-032008
Laboratory Sample ID:			742330			742331		742334	742335	742336	742337	742338
Laboratory Name			TALVT			TALVT		TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:			3/4/2008			3/4/2008		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC			Original Sample			Field Duplicate		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample
Analysis Information		DL 1.8	I 1		DL 1.8	I 1		I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**											
Bromoform	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l		1.0 UJ			1.0 UJ		1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l		0.87 J			0.72 J		0.48 J	0.43 J	0.50 J	0.43 J	1.0 U
cis-1,3-Dichloropropene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.8x	48		1.8x	39		4.4	4.3	4.7	3.8	1.0 U
Trichlorofluoromethane	µg/l		1.0 U			1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-15	DT-15	DT-17	DT-17	DT-18	DT-18	DT-19
Field Sample ID:		DT-015-032008	DT-215-032008	DT-017-032008	DT-217-032008	DT-018-032008	DT-218-032008	DT-019-032008
Laboratory Sample ID:		742330	742331	742334	742335	742336	742337	742338
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample
Analysis Information		DL 1.8 I 1	DL 1.8 I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-20	SP-01	SP-02	SP-03	SP-04	SP-06		SP-07	
Field Sample ID:		DT-020-032008	SP-001-032008	SP-002-032008	SP-003-032008	SP-004-032008	SP-006-012008		SP-007-012008	
Laboratory Sample ID:		742339	742332	742333	742340	742341	739446		739445	
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT		TALVT	
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	1/29/2008		1/29/2008	
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample		Original Sample	
Analysis Information		I 1	I 1	I 1	I 1	I 1	DL 1.6	I 1	DL 1.6	I 1
Volatile Organic Compounds	**Units**									
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,2-Dichloroethene (total)	µg/l	1.0 U	0.83 J	0.74 J	0.46 J	0.34 J	0.69 J		0.72 J	
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U	
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U	
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U	
Acetone	µg/l	3.5 J	5.0 U	5.0 U	5.0 U	3.5 J	5.0 U		2.1 J	
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-20	SP-01	SP-02	SP-03	SP-04		SP-06		SP-07
Field Sample ID:		DT-020-032008	SP-001-032008	SP-002-032008	SP-003-032008	SP-004-032008		SP-006-012008		SP-007-012008
Laboratory Sample ID:		742339	742332	742333	742340	742341		739446		739445
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT		TALVT		TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008		1/29/2008		1/29/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample		Original Sample		Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1		DL 1.6 I 1		DL 1.6 I 1
Volatile Organic Compounds	**Units**									
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		0.95 J
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 UJ		1.0 U		1.0 U
Chloroform	µg/l	1.0 U	0.46 J	1.1	2.3	1.5		1.0 U		1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	0.83 J	0.74 J	0.46 J	0.34 J		0.69 J		0.72 J
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		0.87 J		0.85 J
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U
Trichloroethene	µg/l	1.0 U	13	12	15 J	12	(1.6x)	52	(1.6x)	52
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-20	SP-01	SP-02	SP-03	SP-04	SP-06		SP-07
Field Sample ID:		DT-020-032008	SP-001-032008	SP-002-032008	SP-003-032008	SP-004-032008	SP-006-012008		SP-007-012008
Laboratory Sample ID:		742339	742332	742333	742340	742341	739446		739445
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT		TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	1/29/2008		1/29/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample		Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	DL 1.6	I 1	DL 1.6 I 1
Volatile Organic Compounds	**Units**								
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		SP-08	SP-09	SP-10	SP-11	SP-12	SP-12	SP-13
Field Sample ID:		SP-008-012008	SP-009-012008	SP-010-012008	SP-011-012008	SP-012-012008	SP-212-012008	SP-013-012008
Laboratory Sample ID:		739447	739448	739449	739450	739453	739454	739451
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample
Analysis Information		DL 1.7 I 1	DL 1.7 I 1	DL 2.3 I 1	DL 1.6 I 1	DL 2.8 I 1	DL 2.9 I 1	DL 1.9 I 1
Volatile Organic Compounds	**Units**							
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	0.74 J	0.69 J	0.77 J	0.66 J	0.86 J	0.84 J	0.73 J
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:			SP-08				SP-09				SP-10				SP-11				SP-12				SP-12				SP-13		
Field Sample ID:			SP-008-012008				SP-009-012008				SP-010-012008				SP-011-012008				SP-012-012008				SP-212-012008				SP-013-012008		
Laboratory Sample ID:			739447				739448				739449				739450				739453				739454				739451		
Laboratory Name			TALVT				TALVT				TALVT				TALVT				TALVT				TALVT				TALVT		
Sample Date:			1/29/2008				1/29/2008				1/29/2008				1/29/2008				1/29/2008				1/29/2008				1/29/2008		
Field QC			Original Sample				Original Sample				Original Sample				Original Sample				Original Sample				Field Duplicate				Original Sample		
Analysis Information			DL 1.7	I 1			DL 1.7	I 1			DL 2.3	I 1			DL 1.6	I 1			DL 2.8	I 1			DL 2.9	I 1			DL 1.9	I 1	
Volatile Organic Compounds	**Units**																												
Bromoform	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Bromomethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Carbon Disulfide	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Carbon Tetrachloride	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Chlorobenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Chloroethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Chloroform	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Chloromethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
cis-1,2-Dichloroethene	µg/l		0.74	J			0.69	J			0.77	J			0.66	J			0.86	J			0.84	J			0.73	J	
cis-1,3-Dichloropropene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Dibromochloromethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Dibromomethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Dichlorodifluoromethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Ethylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Freon TF	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Hexachlorobutadiene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Isopropylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Methylene Chloride	µg/l		0.81	J			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			0.70	J	
Methyl-t-Butyl Ether	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Naphthalene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
n-Butylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
n-Propylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
sec-Butylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Styrene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
tert-Butylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Tetrachloroethene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Toluene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
trans-1,2-Dichloroethene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
trans-1,3-Dichloropropene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	
Trichloroethene	µg/l	(1.7x)	56		(1.7x)		50		(2.3x)		73		(1.6x)		52		(2.8x)		96		(2.9x)		96		(1.9x)		74		
Trichlorofluoromethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U	

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		SP-08	SP-09	SP-10	SP-11	SP-12	SP-12	SP-13
Field Sample ID:		SP-008-012008	SP-009-012008	SP-010-012008	SP-011-012008	SP-012-012008	SP-212-012008	SP-013-012008
Laboratory Sample ID:		739447	739448	739449	739450	739453	739454	739451
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample
Analysis Information		DL 1.7 I 1	DL 1.7 I 1	DL 2.3 I 1	DL 1.6 I 1	DL 2.8 I 1	DL 2.9 I 1	DL 1.9 I 1
Volatile Organic Compounds	**Units**							
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		SP-14	SP-15	SP-16	SP-17	SP-18	SP-19	SP-20
Field Sample ID:		SP-014-012008	SP-015-012008	SP-016-032008	SP-017-032008	SP-018-032008	SP-019-032008	SP-020-032008
Laboratory Sample ID:		739452	739455	742318	742319	742320	742321	742317
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		1/29/2008	1/29/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 4.6 I 1	I 1	I 1	DL 2.9 I 1	DL 6.5 I 1	DL 3.3 I 1	DL 2.7 I 1
Volatile Organic Compounds	**Units**							
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.7	0.23 J	1.0 U	1.0	1.3	1.0	1.0
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	8.3	2.1 J	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:			SP-14				SP-15				SP-16				SP-17				SP-18				SP-19				SP-20	
Field Sample ID:			SP-014-012008				SP-015-012008				SP-016-032008				SP-017-032008				SP-018-032008				SP-019-032008				SP-020-032008	
Laboratory Sample ID:			739452				739455				742318				742319				742320				742321				742317	
Laboratory Name			TALVT				TALVT				TALVT				TALVT				TALVT				TALVT				TALVT	
Sample Date:			1/29/2008				1/29/2008				3/4/2008				3/4/2008				3/4/2008				3/4/2008				3/4/2008	
Field QC			Original Sample				Original Sample				Original Sample				Original Sample				Original Sample				Original Sample				Original Sample	
Analysis Information			DL 4.6	I 1			I 1				I 1				DL 2.9	I 1			DL 6.5	I 1			DL 3.3	I 1			DL 2.7	I 1
Volatile Organic Compounds	**Units**																											
Bromoform	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Bromomethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Carbon Disulfide	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Carbon Tetrachloride	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Chlorobenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Chloroethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Chloroform	µg/l		0.47	J			1.0	U			1.0	U			0.22	J			0.29	J			0.21	J			1.0	U
Chloromethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
cis-1,2-Dichloroethene	µg/l		1.7				0.23	J			1.0	U			1.0				1.3				1.0				1.0	
cis-1,3-Dichloropropene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Dibromochloromethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Dibromomethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Dichlorodifluoromethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Ethylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Freon TF	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Hexachlorobutadiene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Isopropylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Methylene Chloride	µg/l		0.70	J			0.60	J			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Methyl-t-Butyl Ether	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Naphthalene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
n-Butylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
n-Propylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
sec-Butylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Styrene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
tert-Butylbenzene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Tetrachloroethene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Toluene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
trans-1,2-Dichloroethene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
trans-1,3-Dichloropropene	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U
Trichloroethene	µg/l	(4.6x)	110				21				0.32	J		(2.9x)	83			(6.5x)	210			(3.3x)	84			(2.7x)	75	
Trichlorofluoromethane	µg/l		1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U			1.0	U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		SP-14	SP-15	SP-16	SP-17	SP-18	SP-19	SP-20
Field Sample ID:		SP-014-012008	SP-015-012008	SP-016-032008	SP-017-032008	SP-018-032008	SP-019-032008	SP-020-032008
Laboratory Sample ID:		739452	739455	742318	742319	742320	742321	742317
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		1/29/2008	1/29/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 4.6 I 1	I 1	I 1	DL 2.9 I 1	DL 6.5 I 1	DL 3.3 I 1	DL 2.7 I 1
Volatile Organic Compounds	**Units**							
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples			
	Station ID:	DT-20	
	Field Sample ID:	DT-020-032008	
	Laboratory Sample ID:	742339	
	Laboratory Name	TALVT	
	Sample Date:	3/4/2008	
	Field QC	Original Sample	
	Analysis Information	I 1	
Explosives	**Units**		
1,3,5-Trinitrobenzene	µg/l	0.25	U
1,3-Dinitrobenzene	µg/l	0.066	J
2,4,6-Trinitrotoluene	µg/l	0.32	J
2,4-Dinitrotoluene	µg/l	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U
2-Amino-4,6-dinitrotoluene	µg/l	0.25	UJ
2-Nitrotoluene	µg/l	0.49	J
3-Nitrotoluene	µg/l	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	1.4	J
4-Nitrotoluene	µg/l	0.95	J
HMX	µg/l	0.25	U
Nitrobenzene	µg/l	0.030	J
RDX	µg/l	5.9	
Tetryl	µg/l	2.4	J

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

TALVT = TestAmerica, Vermont

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

"1" = Dilution factor

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-06	DT-11	DT-12	DT-13		DT-15		DT-15			DT-17
Field Sample ID:		DT-006-032008	DT-011-032008	DT-012-032008	DT-013-032008		DT-015-032008		DT-215-032008			DT-017-032008
Laboratory Sample ID:		742326	742327	742328	742329		742330		742331			742334
Laboratory Name		TALVT	TALVT	TALVT	TALVT		TALVT		TALVT			TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008		3/4/2008		3/4/2008			3/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample		Original Sample		Field Duplicate			Original Sample
Analysis Information		I 1	I 1	I 1	I 1	DL 1.8	I 1	DL 1.8	I 1			I 1
Volatile Organic Compounds	**Units**											
1,2-Dichloroethene (total)	µg/l				0.48 J		0.87 J		0.72 J			0.48 J
Acetone	µg/l				9.7		3.0 J		2.7 J			
Bromomethane	µg/l				0.58 J							
Chloroform	µg/l											
cis-1,2-Dichloroethene	µg/l				0.48 J		0.87 J		0.72 J			0.48 J
Methylene Chloride	µg/l											
Trichloroethene	µg/l	8.4	13	6.3	8.5	(1.8x)	48	(1.8x)	39			4.4

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-17	DT-18	DT-18	DT-19	DT-20	SP-01	SP-02
Field Sample ID:		DT-217-032008	DT-018-032008	DT-218-032008	DT-019-032008	DT-020-032008	SP-001-032008	SP-002-032008
Laboratory Sample ID:		742335	742336	742337	742338	742339	742332	742333
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Field Duplicate	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
1,2-Dichloroethene (total)	µg/l	0.43 J	0.50 J	0.43 J			0.83 J	0.74 J
Acetone	µg/l	2.0 J			2.7 J	3.5 J		
Bromomethane	µg/l							
Chloroform	µg/l						0.46 J	1.1
cis-1,2-Dichloroethene	µg/l	0.43 J	0.50 J	0.43 J			0.83 J	0.74 J
Methylene Chloride	µg/l							
Trichloroethene	µg/l	4.3	4.7	3.8			13	12

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		SP-03	SP-04	SP-06	SP-07	SP-08	SP-09	SP-10
Field Sample ID:		SP-003-032008	SP-004-032008	SP-006-012008	SP-007-012008	SP-008-012008	SP-009-012008	SP-010-012008
Laboratory Sample ID:		742340	742341	739446	739445	739447	739448	739449
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	DL 1.6 I 1	DL 1.6 I 1	DL 1.7 I 1	DL 1.7 I 1	DL 2.3 I 1
Volatile Organic Compounds	**Units**							
1,2-Dichloroethene (total)	µg/l	0.46 J	0.34 J	0.69 J	0.72 J	0.74 J	0.69 J	0.77 J
Acetone	µg/l		3.5 J		2.1 J			
Bromomethane	µg/l				0.95 J			
Chloroform	µg/l	2.3	1.5					
cis-1,2-Dichloroethene	µg/l	0.46 J	0.34 J	0.69 J	0.72 J	0.74 J	0.69 J	0.77 J
Methylene Chloride	µg/l			0.87 J	0.85 J	0.81 J		
Trichloroethene	µg/l	15 J	12	(1.6x) 52	(1.6x) 52	(1.7x) 56	(1.7x) 50	(2.3x) 73

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		SP-11	SP-12	SP-12	SP-13	SP-14	SP-15	SP-16
Field Sample ID:		SP-011-012008	SP-012-012008	SP-212-012008	SP-013-012008	SP-014-012008	SP-015-012008	SP-016-032008
Laboratory Sample ID:		739450	739453	739454	739451	739452	739455	742318
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008	3/4/2008
Field QC		Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 1.6 I 1	DL 2.8 I 1	DL 2.9 I 1	DL 1.9 I 1	DL 4.6 I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
1,2-Dichloroethene (total)	µg/l	0.66 J	0.86 J	0.84 J	0.73 J	1.7	0.23 J	
Acetone	µg/l							8.3
Bromomethane	µg/l							
Chloroform	µg/l					0.47 J		
cis-1,2-Dichloroethene	µg/l	0.66 J	0.86 J	0.84 J	0.73 J	1.7	0.23 J	
Methylene Chloride	µg/l				0.70 J	0.70 J	0.60 J	
Trichloroethene	µg/l	(1.6x) 52	(2.8x) 96	(2.9x) 96	(1.9x) 74	(4.6x) 110	21	0.32 J

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:			SP-17			SP-18			SP-19			SP-20
Field Sample ID:			SP-017-032008			SP-018-032008			SP-019-032008			SP-020-032008
Laboratory Sample ID:			742319			742320			742321			742317
Laboratory Name			TALVT			TALVT			TALVT			TALVT
Sample Date:			3/4/2008			3/4/2008			3/4/2008			3/4/2008
Field QC			Original Sample			Original Sample			Original Sample			Original Sample
Analysis Information			DL 2.9	I 1		DL 6.5	I 1		DL 3.3	I 1		DL 2.7	I 1
Volatile Organic Compounds	**Units**											
1,2-Dichloroethene (total)	µg/l		1.0			1.3			1.0			1.0	
Acetone	µg/l		2.1 J										
Bromomethane	µg/l												
Chloroform	µg/l		0.22 J			0.29 J			0.21 J				
cis-1,2-Dichloroethene	µg/l		1.0			1.3			1.0			1.0	
Methylene Chloride	µg/l												
Trichloroethene	µg/l	(2.9x)	83		(6.5x)	210		(3.3x)	84		(2.7x)	75	

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples			
	Station ID:	DT-20	
	Field Sample ID:	DT-020-032008	
	Laboratory Sample ID:	742339	
	Laboratory Name	TALVT	
	Sample Date:	3/4/2008	
	Field QC	Original Sample	
	Analysis Information	I 1	
Explosives	**Units**		
1,3-Dinitrobenzene	µg/l	0.066	J
2,4,6-Trinitrotoluene	µg/l	0.32	J
2-Nitrotoluene	µg/l	0.49	J
4-Amino-2,6-dinitrotoluene	µg/l	1.4	J
4-Nitrotoluene	µg/l	0.95	J
Nitrobenzene	µg/l	0.030	J
RDX	µg/l	5.9	
Tetryl	µg/l	2.4	J

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

TALVT = TestAmerica, Vermont

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

"1" = Dilution factor

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-15	DT-15	DT-17	DT-17	DT-18	DT-18
Field Sample ID:		DT-015-032008	DT-215-032008	DT-017-032008	DT-217-032008	DT-018-032008	DT-218-032008
Laboratory Sample ID:		742330	742331	742334	742335	742336	742337
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		DL 1.8 I 1	DL 1.8 I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	0.87 J	0.72 J	0.48 J	0.43 J	0.50 J	0.43 J
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	3.0 J	2.7 J	5.0 U	2.0 J	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:			DT-15		DT-15		DT-17	DT-17	DT-18	DT-18
Field Sample ID:			DT-015-032008		DT-215-032008		DT-017-032008	DT-217-032008	DT-018-032008	DT-218-032008
Laboratory Sample ID:			742330		742331		742334	742335	742336	742337
Laboratory Name			TALVT		TALVT		TALVT	TALVT	TALVT	TALVT
Sample Date:			3/4/2008		3/4/2008		3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC			Original Sample		Field Duplicate		Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information			DL 1.8 I 1		DL 1.8 I 1		I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**									
Bromoform	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l		1.0 UJ		1.0 UJ		1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l		0.87 J		0.72 J		0.48 J	0.43 J	0.50 J	0.43 J
cis-1,3-Dichloropropene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	(1.8x)	48	(1.8x)	39		4.4	4.3	4.7	3.8
Trichlorofluoromethane	µg/l		1.0 U		1.0 U		1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		DT-15	DT-15	DT-17	DT-17	DT-18	DT-18
Field Sample ID:		DT-015-032008	DT-215-032008	DT-017-032008	DT-217-032008	DT-018-032008	DT-218-032008
Laboratory Sample ID:		742330	742331	742334	742335	742336	742337
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		DL 1.8 I 1	DL 1.8 I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		SP-12		SP-12	
Field Sample ID:		SP-012-012008		SP-212-012008	
Laboratory Sample ID:		739453		739454	
Laboratory Name		TALVT		TALVT	
Sample Date:		1/29/2008		1/29/2008	
Field QC		Original Sample		Field Duplicate	
Analysis Information		DL 2.8	I 1	DL 2.9	I 1
Volatile Organic Compounds	**Units**				
1,1,1,2-Tetrachloroethane	µg/l	1.0	U	1.0	U
1,1,1-Trichloroethane	µg/l	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	µg/l	1.0	U	1.0	U
1,1,2-Trichloroethane	µg/l	1.0	U	1.0	U
1,1-Dichloroethane	µg/l	1.0	U	1.0	U
1,1-Dichloroethene	µg/l	1.0	U	1.0	U
1,1-Dichloropropene	µg/l	1.0	U	1.0	U
1,2,3-Trichlorobenzene	µg/l	1.0	U	1.0	U
1,2,4-Trichlorobenzene	µg/l	1.0	U	1.0	U
1,2,4-Trimethylbenzene	µg/l	1.0	U	1.0	U
1,2-Dibromo-3-Chloropropane	µg/l	1.0	U	1.0	U
1,2-Dibromoethane	µg/l	1.0	U	1.0	U
1,2-Dichlorobenzene	µg/l	1.0	U	1.0	U
1,2-Dichloroethane	µg/l	1.0	U	1.0	U
1,2-Dichloroethene (total)	µg/l	0.86	J	0.84	J
1,2-Dichloropropane	µg/l	1.0	U	1.0	U
1,3,5-Trimethylbenzene	µg/l	1.0	U	1.0	U
1,3-Dichlorobenzene	µg/l	1.0	U	1.0	U
1,3-Dichloropropane	µg/l	1.0	U	1.0	U
1,4-Dichlorobenzene	µg/l	1.0	U	1.0	U
2-Butanone	µg/l	5.0	U	5.0	U
2-Chlorotoluene	µg/l	1.0	U	1.0	U
2-Hexanone	µg/l	5.0	U	5.0	U
4-Chlorotoluene	µg/l	1.0	U	1.0	U
4-Isopropyltoluene	µg/l	1.0	U	1.0	U
4-Methyl-2-pentanone	µg/l	5.0	U	5.0	U
Acetone	µg/l	5.0	U	5.0	U
Benzene	µg/l	1.0	U	1.0	U
Bromobenzene	µg/l	1.0	U	1.0	U
Bromochloromethane	µg/l	1.0	U	1.0	U
Bromodichloromethane	µg/l	1.0	U	1.0	U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:			SP-12			SP-12
Field Sample ID:			SP-012-012008			SP-212-012008
Laboratory Sample ID:			739453			739454
Laboratory Name			TALVT			TALVT
Sample Date:			1/29/2008			1/29/2008
Field QC			Original Sample			Field Duplicate
Analysis Information			DL 2.8 I 1			DL 2.9 I 1
Volatile Organic Compounds	**Units**					
Bromoform	µg/l		1.0 U			1.0 U
Bromomethane	µg/l		1.0 U			1.0 U
Carbon Disulfide	µg/l		1.0 U			1.0 U
Carbon Tetrachloride	µg/l		1.0 U			1.0 U
Chlorobenzene	µg/l		1.0 U			1.0 U
Chloroethane	µg/l		1.0 U			1.0 U
Chloroform	µg/l		1.0 U			1.0 U
Chloromethane	µg/l		1.0 U			1.0 U
cis-1,2-Dichloroethene	µg/l		0.86 J			0.84 J
cis-1,3-Dichloropropene	µg/l		1.0 U			1.0 U
Dibromochloromethane	µg/l		1.0 U			1.0 U
Dibromomethane	µg/l		1.0 U			1.0 U
Dichlorodifluoromethane	µg/l		1.0 U			1.0 U
Ethylbenzene	µg/l		1.0 U			1.0 U
Freon TF	µg/l		1.0 U			1.0 U
Hexachlorobutadiene	µg/l		1.0 U			1.0 U
Isopropylbenzene	µg/l		1.0 U			1.0 U
Methylene Chloride	µg/l		1.0 U			1.0 U
Methyl-t-Butyl Ether	µg/l		1.0 U			1.0 U
Naphthalene	µg/l		1.0 U			1.0 U
n-Butylbenzene	µg/l		1.0 U			1.0 U
n-Propylbenzene	µg/l		1.0 U			1.0 U
sec-Butylbenzene	µg/l		1.0 U			1.0 U
Styrene	µg/l		1.0 U			1.0 U
tert-Butylbenzene	µg/l		1.0 U			1.0 U
Tetrachloroethene	µg/l		1.0 U			1.0 U
Toluene	µg/l		1.0 U			1.0 U
trans-1,2-Dichloroethene	µg/l		1.0 U			1.0 U
trans-1,3-Dichloropropene	µg/l		1.0 U			1.0 U
Trichloroethene	µg/l	(2.8x)	96		(2.9x)	96
Trichlorofluoromethane	µg/l		1.0 U			1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples

Station ID:		SP-12		SP-12	
Field Sample ID:		SP-012-012008		SP-212-012008	
Laboratory Sample ID:		739453		739454	
Laboratory Name		TALVT		TALVT	
Sample Date:		1/29/2008		1/29/2008	
Field QC		Original Sample		Field Duplicate	
Analysis Information		DL 2.8	I 1	DL 2.9	I 1
Volatile Organic Compounds	**Units**				
Vinyl Chloride	µg/l	1.0 U		1.0 U	
Xylene (m,p)	µg/l	1.0 U		1.0 U	
Xylene (o)	µg/l	1.0 U		1.0 U	
Xylene (total)	µg/l	1.0 U		1.0 U	

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

Table 3-6
Results - Trip Blanks
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples			
	Station ID:	Trip Blank	Trip Blank
	Field Sample ID:	TRB-207-012008	TRB-201-032008
	Laboratory Sample ID:	739456	742324
	Laboratory Name	TALVT	TALVT
	Sample Date:	1/29/2008	3/4/2008
	Field QC	Trip Blank	Trip Blank
	Analysis Information	I 1	I 1
Volatile Organic Compounds	**Units**		
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U

Table 3-6
Results - Trip Blanks
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples			
	Station ID:	Trip Blank	Trip Blank
	Field Sample ID:	TRB-207-012008	TRB-201-032008
	Laboratory Sample ID:	739456	742324
	Laboratory Name	TALVT	TALVT
	Sample Date:	1/29/2008	3/4/2008
	Field QC	Trip Blank	Trip Blank
	Analysis Information	I 1	I 1
Volatile Organic Compounds	**Units**		
Bromoform	µg/l	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U

Table 3-6
Results - Trip Blanks
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Drain Tile Samples			
	Station ID:	Trip Blank	Trip Blank
	Field Sample ID:	TRB-207-012008	TRB-201-032008
	Laboratory Sample ID:	739456	742324
	Laboratory Name	TALVT	TALVT
	Sample Date:	1/29/2008	3/4/2008
	Field QC	Trip Blank	Trip Blank
	Analysis Information	I 1	I 1
Volatile Organic Compounds	**Units**		
Vinyl Chloride	µg/l	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U

Table 3-6
Results - Trip Blanks
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

Table 4-1
Data Quality Evaluation Results
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification					Comments	Final Result
										ICALs	LCS	MS	RPD	CR		
DT-015-032008	3/4/2008	124386	742330	VOC	Chloroethane	µg/L	1.0	U	UJ	x					Initial Calibration %RSD >30%	1 UJ
					TCE	µg/L	53	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	53 Not Used
DT-015-032008DL	3/4/2008	124386	742330DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	48 D
DT-215-032008	3/4/2008	124386	742331	VOC	Chloroethane	µg/L	1.0	U	UJ	x					Initial Calibration %RSD >30%	1 UJ
					TCE	µg/L	53	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	53 Not Used
DT-215-032008DL	3/4/2008	124386	742331DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	39 D
DT-017-032008	3/4/2008	124386	742334	VOC	Chloroethane	µg/L	1.0	U	UJ	x					Initial Calibration %RSD >30%	1 UJ
DT-217-032008	3/4/2008	124386	742335	VOC	Chloroethane	µg/L	1.0	U	UJ	x					Initial Calibration %RSD >30%	1 UJ
DT-018-032008	3/4/2008	124386	742336	VOC	Chloroethane	µg/L	1.0	U	UJ	x					Initial Calibration %RSD >30%	1 UJ
DT-218-032008	3/4/2008	124386	742337	VOC	Chloroethane	µg/L	1.0	U	UJ	x					Initial Calibration %RSD >30%	1 UJ
DT-019-032008	3/4/2008	124386	742338	VOC	Chloroethane	µg/L	1.0	U	UJ	x					Initial Calibration %RSD >30%	1 UJ
DT-020-032008	3/4/2008	124386	742339	VOC	Chloroethane	µg/L	1.0	U	UJ	x					Initial Calibration %RSD >30%	1 UJ
				Explosives	1,3-Dinitrobenzene	µg/L	0.066	J	J				x		RPD between column results exceeded 40%	0.066 J
					Nitrobenzene	µg/L	0.030	J	J				x		RPD between column results exceeded 40%	0.03 J
					Tetryl	µg/L	2.4		J				x		RPD between column results exceeded 40%	2.4 J
					2,4,6-Trinitrotoluene	µg/L	0.32		J				x		RPD between column results exceeded 40%	0.32 J
					4-Amino-2,6-dinitrotoluene	µg/L	1.4		J		x		x		RPD between column results exceeded 40% Low LCS/LCSD %RECs	1.4 J
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ		x		x		RPD between column results exceeded 40% Low LCS/LCSD %RECs	0.25 UJ
					2-Nitrotoluene	µg/L	0.49		J				x		RPD between column results exceeded 40%	0.49 J
					4-Nitrotoluene	µg/L	0.95		J				x		RPD between column results exceeded 40%	0.95 J
SP-003-032008	3/4/2008	124386	742340	VOC	Chloroethane	µg/L	1.0	U	UJ	x					Initial Calibration %RSD >30%	1 UJ
					TCE	µg/L	15		J			x			Low MS/MSD %RECs	15 J
SP-004-032008	3/4/2008	124386	742341	VOC	Chloroethane	µg/L	1.0	U	UJ	x					Initial Calibration %RSD >30%	1 UJ
SP-006-012008	2/1/2008	123966	739446	VOC	TCE	µg/L	54	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	54 Not Used
SP-006-012008DL	2/1/2008	123966	739446DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	52 D
SP-007-012008	2/1/2008	123966	739445	VOC	TCE	µg/L	57	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	57 Not Used
SP-007-012008DL	2/1/2008	123966	739445DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	52 D
SP-008-012008	2/1/2008	123966	739447	VOC	TCE	µg/L	58	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	58 Not Used
SP-008-012008DL	2/1/2008	123966	739447DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	56 D

Table 4-1
Data Quality Evaluation Results
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification					Comments	Final Result
										ICALs	LCS	MS	RPD	CR		
SP-009-012008	2/1/2008	123966	739448	VOC	TCE	µg/L	56	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	56 Not Used
SP-009-012008DL	2/1/2008	123966	739448DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	50 D
SP-010-012008	2/1/2008	123966	739449	VOC	TCE	µg/L	79	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	79 Not Used
SP-010-012008DL	2/1/2008	123966	739449DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	73 D
SP-011-012008	2/1/2008	123966	739450	VOC	TCE	µg/L	54	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	54 Not Used
SP-011-012008DL	2/1/2008	123966	739450DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	52 D
SP-012-012008	2/1/2008	123966	739453	VOC	TCE	µg/L	110	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	110 Not Used
SP-012-012008DL	2/1/2008	123966	739453DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	96 D
SP-212-012008	2/1/2008	123966	739454	VOC	TCE	µg/L	110	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	110 Not Used
SP-212-012008DL	2/1/2008	123966	739454DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	96 D
SP-013-012008	2/1/2008	123966	739451	VOC	TCE	µg/L	67	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	67 Not Used
SP-013-012008DL	2/1/2008	123966	739451DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	74 D
SP-014-012008	2/1/2008	123966	739452	VOC	TCE	µg/L	160	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	160 Not Used
SP-014-012008DL	2/1/2008	123966	739452DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	110 D
SP-017-032008	3/4/2008	124385	742319	VOC	TCE	µg/L	87	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	87 Not Used
SP-017-032008DL	3/4/2008	124385	742319DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	83 D
SP-018-032008	3/4/2008	124385	742320	VOC	TCE	µg/L	220	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	220 Not Used
SP-018-032008DL	3/4/2008	124385	742320DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	210 D
SP-019-032008	3/4/2008	124385	742321	VOC	TCE	µg/L	93	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	93 Not Used
SP-019-032008DL	3/4/2008	124385	742321DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	84 D
SP-020-032008	3/4/2008	124385	742317	VOC	TCE	µg/L	82	E	Not Used					x	Calibration Range Exceeded Report TCE from Dilution	82 Not Used
SP-020-032008DL	3/4/2008	124385	742317DL	VOC	All Results Except TCE	µg/L	Various	Various	Not Used					x	Only Report TCE from this Analysis	75 D

Notes:

CR = Calibration Range
DL = Dilution
E = Laboratory qualifier indicating a calibration range exceedance
ICAL = Initial Calibration
J = Qualified as estimated
LCS/LCSD = Laboratory Control Sample/ Laboratory Control Sample Duplicate
MS/MSD = Matrix Spike/Matrix Spike Duplicate
%REC = Percent Recovery
%RSD = Percent Relative Standard Deviation
RPD = Relative percent differences
SDG = Sample Delivery Group
TCE =Trichloroethene
µg/L = micrograms per liter
VOCs = Volatile organic compounds
UJ = Qualified as estimated and not detected

Table 4-2
VOCs Quality Control Outliers
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field Sample ID(s) Requiring Qualification	SDG	Compound	QC Outlier	QC Parameter Control Limit	QC Result
Calibrations					
DT-015-032008 DT-215-032008 DT-017-032008 DT-217-032008 DT-018-032008 DT-218-032008 DT-019-032008 DT-020-032008 SP-003-032008 SP-004-032008	124386	Chloroethane	ICAL %RSD	30%	35.1%
MS/MSD					
SP-003-032008	124386	TCE	MS/MSD %REC	80-115%	70 / 70%
Dilutions and Reanalyses (E flags are not used in completeness percentage when dilution available)					
DT-015-032008	124386	TCE	Calibration Range Exceedance	Linear Calibration Range	53 E Report as 48 D
DT-215-032008	124386	TCE	Calibration Range Exceedance	Linear Calibration Range	53 E Report as 39 D
SP-006-012008	123966	TCE	Calibration Range Exceedance	Linear Calibration Range	54 E Report as 52 D
SP-007-012008	123966	TCE	Calibration Range Exceedance	Linear Calibration Range	57 E Report as 52 D
SP-008-012008	123966	TCE	Calibration Range Exceedance	Linear Calibration Range	58 E Report as 56 D
SP-009-012008	123966	TCE	Calibration Range Exceedance	Linear Calibration Range	56 E Report as 50 D
SP-010-012008	123966	TCE	Calibration Range Exceedance	Linear Calibration Range	79 E Report as 73 D
SP-011-012008	123966	TCE	Calibration Range Exceedance	Linear Calibration Range	54 E Report as 52 D
SP-012-012008	123966	TCE	Calibration Range Exceedance	Linear Calibration Range	110 E Report as 96 D
SP-212-012008	123966	TCE	Calibration Range Exceedance	Linear Calibration Range	110 E Report as 96 D

Table 4-2
VOCs Quality Control Outliers
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field Sample ID(s) Requiring Qualification	SDG	Compound	QC Outlier	QC Parameter Control Limit	QC Result
Dilutions and Reanalyses (Continued)					
SP-013-012008	123966	TCE	Calibration Range Exceedance	Linear Calibration Range	67 E Report as 74 D
SP-014-012008	123966	TCE	Calibration Range Exceedance	Linear Calibration Range	160 E Report as 110 D
SP-017-032008	124385	TCE	Calibration Range Exceedance	Linear Calibration Range	87 E Report as 83 D
SP-018-032008	124385	TCE	Calibration Range Exceedance	Linear Calibration Range	220 E Report as 210 D
SP-019-032008	124385	TCE	Calibration Range Exceedance	Linear Calibration Range	93 E Report as 84 D
SP-020-032008	124385	TCE	Calibration Range Exceedance	Linear Calibration Range	82 E Report as 75 D

Note: The samples above were diluted and reanalyzed. The results for TCE should be reported from the dilutions.

Notes:

D = Result from dilution
E = Exceeds Calibration Range
ID = Identification
ICAL = Initial Calibration
MS/MSD = Matrix Spike/Matrix Spike Duplicate
%REC = Percent Recovery
QC = Quality Control
%RSD = Percent Relative Standard Deviation
SDG = Sample Delivery Group
TCE = Trichloroethene

Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample ID(s) Requiring Qualification	SDG	Compound(s)	QC Parameter	Laboratory QC Parameter Control Limit	QC Result
LCS/LCSD					
DT-020-032008	124386	4-Amino-2,6-dinitrotoluene 2-Amino-4,6-dinitrotoluene	LCS /LCSD %REC	85-130% 75-120%	72% / 75% 68% / 70%
Other QC (These outliers were not used in completeness percentage)					
DT-020-032008	124386	1,3-Dinitrobenzene	RPD Between Column Results	40%	180%
DT-020-032008		Nitrobenzene			190%
DT-020-032008		Tetryl			170%
DT-020-032008		2,4,6-Trinitrotoluene			46%
DT-020-032008		4-Amino-2,6-dinitrotoluene			130%
DT-020-032008		2-Nitrotoluene			170%
DT-020-032008		4-Nitrotoluene			100%

Notes:

ID = Identification
LCS/LCSD = Laboratory Control Sample/ Laboratory Contrc
%REC = Percent Recovery
QC = Quality Control
SDG = Sample Delivery Group
RPD = Relative percent differences

Table 5-1
Field Completeness
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Analysis	Number of Samples Planned[1]	Number of Samples Collected	Field Completeness
Volatile Organic Compounds	35	35	100%
Explosives	1	1	100%
Totals =	36	36	100.0%
Goal =			95%

Notes:

[1] = Number of samples includes field samples and field duplicate samples.
Only the Seeps and Drain tiles flowing at the time of collection were sampled as requested.

Table 5-2
Analytical Completeness
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Analysis	Total Number of Parameters[1]	Acceptable Data[2]	Acceptable Data Completeness	Acceptable Data Completeness Goals	Quality Data[3]	Quality Data Completeness	Quality Data Completeness Goals
Volatile Organic Compounds	2310	2299	99.5%	90%	2310	100%	80%
Explosives	14	12	86%	90%	14	100%	80%
Totals =	2324	2311	99%	95%	2324	100%	80%

Notes:

[1] = Total number of parameters includes field samples and field duplicates.

[2] = Acceptable data is defined as data that passed all quality control (QC) criteria, or data that did not pass QC criteria but had appropriate corrective actions taken. Acceptable data completeness is a measure of laboratory contract compliance. R qualified data with acceptable replacement data are not counted.

[3] = Quality data is a measure of the percentage of usable data points (all non-rejected data).

Table 5-3
Project Completeness
First Quarter 2008 Drain Tile Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field	Analytical[1]	Project Completeness[2]
100%	100%	100%
Project Completeness Goal =		90%

Notes:
[1] = Analytical completeness is the percentage of usable data (i.e. quality data completeness).
[2] = Project completeness combines sampling and analytical protocols to assess the expectations of the project as a whole. Project completeness is determined by comparing the percentage of samples / measurements that are determined to be usable to the total number of samples / measurements planned.

Appendix A
Chain of Custody Records

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1Q2008 Drain tile/seep event
final shipment

1 of 2

SEVERN TRENT **STL**

SEVERN TRENT LABORATORIES, INC.

STL Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd/Bldg 21 Suite 350
Lakewood CO 80401
Contact: John Ryder
Phone: (303) 298-7607
Fax:
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: David Dander
Sampler's Signature:

Proj. No.: 5403.001
Project Name: Mead NOP 1Q2008 DT/SP

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA	A/G 1 Lt.	250 ml	P/O	Analysis Requested: 8260 BTEX (HCL preserved)	Lab/Sample ID (Lab Use Only)
W	1/29/08	1014		X	SP-007-012008	3				3	
W		1016		X	SP-006-012008	3				3	
W		1024		X	SP-008-012008	3				3	
W		1027		X	SP-009-012008	3				3	
W		1038		X	SP-010-012008	3				3	
W		1030		X	SP-011-012008	3				3	
W		1100		X	SP-013-012008	3				3	
W		1100		X	SP-013-012008 MS	3				3	
W		1100		X	SP-013-012008 MSD	3				3	
W		1110		X	SP-014-012008	3				3	

Relinquished by: (Signature)	Date	Time	Received by: (Signature	Date	Time	Remarks
[signature]	1/29/08	1400	Fedex 8574 1316 2481			
Relinquished by: (Signature)	Date	Time	Received by: (Signature) [signature]	Date 1/30/08	Time 1010	
Relinquished by: (Signature)	Date	Time	Received by: (Signature	Date	Time	Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

STL Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

STL8234-200 (02/07)

SEVERN TRENT **STL**

SEVERN TRENT LABORATORIES, INC.

STL Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

1Q2008 Drain Tile/seep event final shipment

2 of 2

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd bldg 3 Suite 350
Lakewood CO 80401
Contact: John Ryder 3D
Phone: 303 298 7607
Fax:
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Sampler's Name: David Dandor
Sampler's Signature:

Proj. No.: 5403.001
Project Name: Mead NOP [1Q2008 DT/SP]

Analysis Requested: 8260B VOA (HCL) Dissolved

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA	A/G 1 Lt.	250 ml	P/O	8260B VOA (HCL) Dissolved	Lab/Sample ID (Lab Use Only)
W	1/29/08	1048		X	SP-012-012008	3				3	
W		1048		X	SP-212-012008	3				3	
W		1118		X	SP-015-012008	3				3	
W		1014		X	TRB-207-012008	2				2	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/29/08	1400	Fed ex 8574 1316 2481		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	1/30/08	1010
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

STL Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

STL8234-200 (02/07)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

1st Qtr SW Sampling Event 1/3

5403.001 Final Shipment — **CHAIN OF CUSTODY RECORD**

Report to:	Invoice to:
Company: ECC	Company:
Address: 1746 Cole Blvd. Bldg 21 Su 350 LAKEWOOD, CO 80401	Address:
Contact: DAVID DANDER/JOHN RYDER	Contact:
Phone: 303 298 7607	Phone:
Fax: 303 298 7837	Fax:
Contract/ Quote:	

Sampler's Name: ERIK WAISS

Sampler's Signature: [signature]

Proj. No.: 5403.001

Project Name: MEAD FNOP

Analysis Requested: 8260 B VOC (HCl)

Lab Use Only Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y

Intact N / Y

Screened For Radioactivity ☐

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] HCl VOA	A/G 1 Lt.	250 ml	P/O	8260 B VOC (HCl)	Lab/Sample ID (Lab Use Only)
W	3-4 2008	0917		X	DT-001-032008	3				X	
W	3-4 2008	0925		X	DT-002-032008	3				X	
W	3-4 2008	917		X	TRB-201-032008	2				X	
W	3-4 2008	0950		X	DT-003-032008	3				X	
W	3-4 2008	1020		X	DT-006-032008	3				X	
W	3-4 2008	1040		X	DT-011-032008	3				X	
W	3-4 2008	1048		X	DT-012-032008	3				X	
W	3-4 2008	11:05		X	DT-013-032008	3				X	
W	3-4 2008	11:15		X	DT-015-032008	3				X	
W	3-4 2008	1115		X	DT-215-032008	3				X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Remarks
[signature]	3-4-2008	1700	FED EX 8634 7969 0131			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date 3/5/08	Time 1030	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil

[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

1st Qtr SW Sampling Event 2/3

5403.001 Final Shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECL
Address: 1746 Cole Blvd, Bldg 20 Su. 350
LAKEWOOD, CO 80401
Contact: DAVID DANDER/JOHN RYDER
Phone: 303 298 7607
Fax: 303 298 7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: ERIK WAISS
Sampler's Signature:

Proj. No.: 5408.001
Project Name: MEAD FNOP
No/Type of Containers²: HCl ICE

ANALYSIS REQUESTED: 8260B VOC (HCl); 8330 EXPL (ICE)

Matrix¹	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B VOC (HCl)	8330 EXPL (ICE)	Lab/Sample ID (Lab Use Only)
W	3-4 2008	1205		x	SP-001-032008	3				x		
W	3-4 2008	1220		x	SP-002-032008	3				x		
W	3-4 2008	1235		x	~~SP~~ DT-017-032008	3				x		
W	3-4 2008	1235		x	DT-217-032008	3				x		
W	3-4 2008	12:50		x	DT-018-032008	3				x		
W	3-4 2008	1250		x	DT-218-032008	3				x		
W	3-4 2008	13:30		x	DT-019-032008	3				x		
W	3-4 2008	13:10		x	DT-020-032008	3	2			x	x	
W	3-4 2008	14:15		x	SP-003-032008 MSD	3				x		
W	3-4 2008	14:15		x	SP-003-032008MS	3				x		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3-4-2008	1700	FED EX 3969 7969 0131		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				3/5/08	1030
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

1st Qtr SW Sample Event
5403.001 Final Shipment

3/3

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd. Bld 21 Su. 350
LAKEWOOD, CO 80401
Contact: DAVID DANDER/JOHN RYDER
Phone: 303 298 7607
Fax: 303 298 7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Sampler's Name: Erik Weiss
Sampler's Signature:

Proj. No.: 5403.001
Project Name: MEAD FNOP
No/Type of Containers[2]: HCl

ANALYSIS REQUESTED: 8260 B VOC (HCl)

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260 B VOC (HCl)	Lab/Sample ID (Lab Use Only)
W	3-4 2008	1415		X	SP-003-032008 ~~MSD~~	3				X	
W	3-4 2008	1425		X	SP-004-032008	3				X	
W	3-4 2008	1325		X	SP-020-032008	3				X	
W	3-4 2008	1335		X	SP-016-032008	3				X	
W	3-4 2008	1345		X	SP-017-032008	3				X	
W	3-4 2008	1355		X	SP-018-032008	3				X	→ 5 Day T.A.T.
W	3-4 2008	1400		X	SP-019-032008	3				X	
W	3-4 2008	1400		X	SP-019-032008 MS	3				X	
W	3-4 2008	1400		X	SP-019-032008 MSD	3				X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3-4-2008	1700	FED EX 863479690181		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				3/5/08	1030
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

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Appendix B
Field Notes

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Location Clear Creek N. of Rd F Date 3-4-08

Project / Client USACE ECC

Sampling Tile lines

09:00 - TOBY + ERIK (ASW) ON SITE AT CLEAR CREEK AT COUNTY ROAD F. PREPARING TO SAMPLE DT-01 + 02 + 03.

09:35 - SAMPLING DT-03, MOVING NORTH.

FLOW RATE DT-03 5Gal/12Sec.

09:45 - Mislabeling: DT-03 Labels were used on 3rd Drainage near 1+2. Will Create Label + call Real DT-03, DT03A. Will HAVE TO SORT OUT AT TREATMENT PLANT.

09:56 - FLOW RATE ON REAL DT03 IS 5Gal/2sec.

10:10 - DT-03 is Actually Plant Discharge. DT-04 is NOT FLOWING.

10:16: DT-05 - No FLOW. DT06 ~5 Gal/1sec. DT-07 NO FLOW DT-08 No FLOW. SAMPLING DT-06

10:27 - DT-09 - NO FLOW.

10:32 - DT-10 - NO FLOW.

10:40 - DT-11 Flowing @ 20Gal/MIN.

10:50 - DT-12 Flowing @ ~4Gal/MIN

11:00 - DT-13 - Flowing @ ~4Gal/Min

DT-14 NO FLOW

11:13 - DT-15 RAPID FLOW, AT LEAST 5GAL/SEC. DT-16 NO FLOW

12:00 - SP-01 Flowing ~ 10-15 Gal/Min

12:17 - SP-02 Flowing at ~ 1 GPM

Location Johnson Creek N. of Rd G Date 3-4-08

Project / Client USACE ECC

Sampling Tile Lines

12:32 - DT-17 FLOWING AT ~25 Gal/MIN

12:46 - DT-18 FLOWING AT ~25 GAL/MIN

13:08 - DT-19 + DT-20 Both Flowing at a Trickle

DT-19 STUFFED FULL OF ICE + CORN STALKS.

14:10 - DANDER CAME TO DELIVER MORE VOA VIALS

SP-03 + SP-04 ARE TRICKLING, SP-05 NOT FLOWING.

14:50 - By Bridge on Rd F. - DT-21 NOT FLOWING

14:55 - ERIK + TOBY BACK TO TREATMENT PLANT

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Appendix C
Reference Sheet
Data Validation Qualifiers
Drinking Water Standards

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Data Qualifiers and Drinking Water Standards Reference Sheet
Former Nebraska Ordnance Plant, Mead, Nebraska

Any qualifiers (i.e. U, J, or R) listed after a result are assigned during the data validation process. Data validation is a procedure which involves the review of quality control data provided by the laboratory. This review is followed by the assignment of data qualifiers (if necessary) which indicate the reliability of a result to the reader. Data validation is performed by a chemist employed outside of the laboratory or associated government installations to ensure accuracy in data reporting. A description of qualifiers is provided below.

No qualifier

- If a result has no assigned qualifier, the contaminant was detected, and the reader can be confident that the concentration is exact.

"U"

- A result followed by a "U" qualifier means that the contaminant was undetected, or not detected by the instrument.

"UJ"

- A result followed by a "UJ" qualifier means that the contaminant was not detected, but the associated detection level is not certain (estimated). For example, if a value is followed by a "UJ", the contaminant was not detected, but the associated detection level is in question. The detection level is in question because one or more of the laboratory quality control indicators do not meet acceptance criteria. The amount that the indicator fell outside of the criteria may be used as a rough estimate of how much the actual detection level differs from the stated one. Typically, this is a 10-30% difference.

"UR"

- A result followed by a "UR" qualifier means that the contaminant was not detected, but there is strong doubt that the associated detection level is accurate. For example, if a value is followed by a "UR", the contaminant was not detected, but the associated detection level is in strong doubt. The detection level is in doubt because results are unacceptable for a quality control indicator. In this case, the detection level cannot be estimated.

"J"

- A result followed by only a "J" qualifier means that the contaminant was detected, but there is some question that the stated concentration is exact. For example, if a result is "0.5 J", the contaminant was detected, but there is some question that the concentration is exactly 0.5. A "J" qualifier may be applied for two reasons: (1) the contaminant was detected below the reporting limit; or (2) the contaminant was detected, but one or more quality control indicators did not meet acceptance criteria. The reporting limit is equal to the concentration of the lowest standard used by the laboratory to calibrate the instrument. The reporting limit is the minimum concentration that can be stated with complete confidence.

“R”

- A result followed by only an “R” qualifier means that the contaminant was detected, but there is strong doubt that the concentration is exact. For example, if a result is “0.5 R”, the contaminant was detected, but there is strong doubt that the concentration is exactly 0.5. The concentration is in doubt because results are unacceptable for a quality control indicator. In this case, the detected concentration cannot be estimated. For comparison purposes, detected results are reported in the results letters with available Environmental Protection Agency drinking water standards. These standards include the maximum contaminant level (MCL) and various health advisories (HA). A description of the drinking water standards is provided below.

“MCL”

- The maximum contaminant level is the highest concentration of a contaminant that is allowed in drinking water. Maximum contaminant levels are enforceable Federal standards.

“HA”

- Health advisories provide estimates of acceptable drinking water concentrations for a chemical substance based on health effects information. Health advisories are not enforceable Federal standards, but serve as a technical guidance to assist Federal, State, and local officials.

Appendix D
Analytical Results on Compact Disc Summary Forms and Raw Data

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QUALITY CONTROL SUMMARY REPORT

First Quarter 2008
Monitoring Well Sampling Event
Former Nebraska Ordnance Plant
Mead, Nebraska

Prepared for

U.S. Army Corps of Engineers
Kansas City Districts

July 2008

1746 Cole Boulevard, Building 21, Suite 350
Lakewood, Colorado 8401
Telephone: (303) 298-7607
Facsimile: (303) 298-7837

www.ecc.net

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(Read instructions on the reverse side prior to initiating this form)*	DATE: July 31, 2008	TRANSMITTAL NO. 2008-017

SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by contractor)

Attn: Jerry Montgomery USACE, Kansas City District 601 E. 12th St. Kansas City, MO 64106-2896	FROM: John Ryder ECC 1746 Cole Blvd, Bldg 21, Lakewood, CO 80401	CONTRACT NO. W912DQ-04-D-0017, Task Order 0001	CHECK ONE: __X__ THIS IS A NEW TRANSMITTAL ____ THIS IS A RESUBMITTAL OF TRANSMITTAL _____
SPECIFICATION SECTION NO. (cover only one section with each transmittal)	PROJECT TITLE AND LOCATION: Groundwater Monitoring Program, Former Nebraska Ordnance Plant, Mead, Nebraska		CHECK ONE: ___ FIO __X__ For Govt. Approval

ITEM NO. *a.*	DESCRIPTION OF ITEM SUBMITTED *(Type, size, model number, etc.)* *b.*	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. *(See instruction No. 8)* *c.*	NO. OF COPIES *d.*	CONTRACT REFERENCE DOCUMENT SPEC. PARA. NO. *e.*	DRAWING SHEET NO. *f.*	FOR CONTRACTOR USE CODE *g.*	VARIATION *(See instruc. no. 6)* *h.*	FOR C E USE CODE *i.*
1	Quality Control Summary Report		1					
	First Quarter 2008 Monitoring Well Sampling Event							

REMARKS	I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as otherwise stated. John Ryder, Denver Science & Engineering Group _____ NAME AND SIGNATURE OF CONTRACTOR
Sandeep Mehta (USACE) Jason Leibbert (USACE) David Nelson (USACE) Natalae Tillman (USACE) Kristine Stein (USACE)	

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by Item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

Quality Control Summary Report
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant
Mead, Nebraska

1.0 INTRODUCTION

Monitoring well sampling was conducted by ECC as contracted by the United States Army Corps of Engineers (USACE), Kansas City District between February 25, 2008 and April 8, 2008 at the former Nebraska Ordnance Plant, near Mead, Nebraska. ECC performed all sampling activities in accordance with the Field Sampling Plan and Quality Assurance Project Plan (QAPP) of the *Work Plan and Sampling and Analysis Plan for Groundwater Monitoring Well Sampling* (ECC, 2006). This Quality Control Summary Report presents a summary of the chemical data quality review for the first quarter 2008 monitoring well sampling event.

Samples were analyzed for one or both of the following constituents:

- Volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8260B
- Explosives by EPA Method 8330

All analyses were performed by TestAmerica of South Burlington, Vermont.

Table 1-1 presents the monitoring wells planned for sample collection, the corresponding sample identifications (IDs), and the required analyses for the first quarter 2008 monitoring well sampling event. The Chain of Custody Records (COCs) and field notes are included as Appendices A and B, respectively. Appendix C presents an explanation of data validation qualifiers and drinking water standards. Appendix D contains a compact disc (CD) with all analytical data, including summary forms and raw data, for the first quarter 2008 monitoring well sampling event.

2.0 FIELD SAMPLING ACTIVITIES

Samples from 148 wells were collected during the first quarter 2008 MW sampling event. One hundred and twelve (112) wells were sampled for VOCs and 114 wells were sampled for explosives. Seventeen field duplicate samples, twelve matrix spike (MS)/matrix spike duplicate (MSD) pairs, nine rinsate blanks, and nine trip blanks were collected.

Table 2-1 provides the following sample collection information:

- QC split sample information;
- MS/MSD sample information;
- A cross-reference between laboratory sample IDs and field sample IDs;

- Sample delivery group (SDG) numbers;
- COC numbers;
- Dates of sample collection and sample receipt by the laboratory; and
- Requested analyses.

3.0 ANALYTICAL RESULTS

The analytical results are presented in Table 3-1 (VOCs) and Table 3-2 (explosives). Detections are presented in Table 3-3 (VOCs) and Table 3-4 (explosives). Field duplicate results are presented in Table 3-5 (VOCs) and Table 3-6 (explosives). Trip blank results are presented in Table 3-7 and rinsate blank results are presented in Table 3-8. The data in Tables 3-1 through 3-8 are presented by field sample ID, as listed in Table 1-1.

4.0 DATA QUALITY EVALUATION PROCEDURES

The following subsections present results of the data quality evaluation. This evaluation was performed in accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007) and the *CENWK-EC-EF Data Quality Evaluation Guidance* (USACE, 2001). Qualifiers were assigned based on laboratory QC criteria. Data quality evaluation results are presented in Table 4-1 according to field sample ID. QC outliers for VOC analyses are presented in Table 4-2 and QC outliers for explosives analyses are presented in Table 4-3.

4.1 Sample Receipt at the Laboratory

All sample transfer requirements were met for samples received at the laboratory with the exceptions discussed below. The samples were received at the laboratory properly preserved and on ice and within 4 ± 2 °C, with the exception of one cooler that was received at 1.1°C. In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), no action was required for cooler temperatures (unless frozen) less than 2 °C.

One of three VOC vials were received broken for samples AMW-093-032008, DMW-0115-032008 and BMW-0116-032008 and one of the remaining two vials for sample BMW-0116-032008 was received with headspace. Additionally, only two vials were received for sample DMW-0116-032008 and one of these vials for sample DMW-0116-032008 was received with headspace. Also two of three VOC vials were received with headspace for sample BMW-056-032008. Sufficient sample remained to complete the sample analyses and it is assumed that the laboratory used the other vials for analysis of these samples.

Only one vial was received for sample AMW-0116-032008 on March 10, 2008 and the laboratory indicated this vial was received with headspace. The laboratory completed the sample analysis using this vial. However, the results for this analysis of this sample are not used because this well was resampled on March 19, 2008 and the VOC results are reported from the analysis performed on March 21, 2008.

The laboratory received a broken 1L amber bottle for samples DMW-038-032008, AMW-046-032008, BMW-044-032008, BMW-083-032008, BMW-0112-032008MS, and DMW-0115-032008. Sufficient sample remained to complete the sample analyses and it was assumed that the laboratory used the other unbroken bottles for explosive analyses of these samples.

The sample container labels for AMW-038-032008, BMW-038-032008, and RIN-038-032008 listed the sample IDs with a "032007" suffix. These sample IDs were taken from the COC and the "032008" suffix was utilized by the laboratory.

The rinsate blank RIN-042-032008 and the trip blank TRB-242-032008 were not listed on the COCs. The sample information was taken from the sample labels and the samples were analyzed accordingly. Additionally, the sample container label for rinsate blank, sample RIN-031-032008 did not list the complete sample number. The correct sample number from the COC was used.

4.2 Holding Times

All samples were extracted and analyzed within method-specific holding times.

4.3 Tuning and Calibration

According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), assessment of tune and calibration information is assessed using the laboratory case-narrative or summary forms. No deviations from method or Laboratory Quality Management Plan (LQMP) specifications for the calibration and tuning of pertinent instrumentation were reported by the laboratory in the project-specific case narrative with the exceptions noted below.

The laboratory case narrative indicated that the responses for various compounds from the initial calibrations were outside quality control criteria. Evaluation of the initial calibration summary forms indicated that the percent relative standard deviations (%RSDs) for bromomethane and chloroethane were greater than 30%. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007) detections are qualified as estimated (J) and non-detects are qualified as estimated (UJ) if the %RSD exceeds 30%. Therefore, the following non-detected results in the associated samples were qualified as estimated (UJ):

- Bromomethane in samples AMW-080-032008, AMW-280-032008, BMW-080-032008, DMW-080-032008, AMW-081-032008, BMW-081-032008, DMW-081-032008, AMW-089-032008, BMW-089-032008, DMW-089-032008, AMW-090-032008, BMW-090-032008, DMW-090-032008, AMW-091-032008, BMW-091-032008, DMW-091-032008, AMW-092-032008, BMW-092-032008
- Chloroethane in samples AMW-035-032008, BMW-035-032008, DMW-035-032008, AMW-080-032008, AMW-280-032008, BMW-080-032008, DMW-080-032008, AMW-081-032008, BMW-081-032008, DMW-081-032008, AMW-087-032008, BMW-087-032008, DMW-087-032008, AMW-088-032008, BMW-088-032008, BMW-288-032008, DMW-088-032008, AMW-089-032008, BMW-089-032008,

DMW-089-032008, AMW-090-032008, BMW-090-032008, DMW-090-032008, AMW-091-032008, BMW-091-032008, DMW-091-032008, AMW-092-032008, BMW-092-032008, AMW-093-032008, BMW-093-032008, AMW-0106-032008, BMW-0106-032008, DMW-0106-032008, AMW-0107-032008, BMW-0107-032008, DMW-0107-032008, AMW-0110-032008, BMW-0110-032008, DMW-0110-032008, AMW-0115-032008, BMW-0116-032008, DMW-0116-032008, TRB-293-032008, and TRB-2108-032008

[Note: Additional %RSDs indicated by the laboratory as being outside quality control criteria were less than 30% and no action was required.]

The laboratory case narratives also indicated that the responses for various compounds from the continuing calibrations were outside quality control criteria. Evaluation of the continuing calibration summary forms indicated that the several percent differences (%Ds) for acetone, chloromethane, and 2-hexanone were greater than 25% but less than 50%. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007) detections are qualified as estimated (J) if the %D exceeds 25%. No action is required for non-detected results.

Due to the elevated %Ds in the associated continuing calibrations, the following detected results were qualified as estimated (J):

- Acetone in samples RIN-008-032008 and RIN-021-032008

No action was required for the associated non-detected results.

[Note: Additional %Ds indicated by the laboratory as being outside quality control criteria were less than 25% and no action was required.]

The case narrative for SDG 124600 indicated that the response for dichlorodifluoromethane in the initial calibration verification standard (LA032008ICV) was below the quality control criteria. A summary form was not included for this ICV. However, this analysis did not bracket the associated samples and no qualification was necessary.

According to the laboratory case narratives, the response for 4-nitrotoluene was low in the continuing calibration standard analyzed on March 19 at 1853 on the confirmation column. Evaluation of the Form 7 indicated that the %D for 4-nitrotoluene exceeded 15%. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detects and non-detects qualified as estimated if the %D exceeds 15%. However, this continuing calibration was only associated with confirmation analyses and the non-detected results for 4-nitrotoluene were reported from the quantitation column and did not require confirmation. Therefore no action was required.

See Table 4-2 for the VOC calibration outliers that result in sample qualification.

4.4 Laboratory Method Blanks

A laboratory method blank is an analyte-free matrix that is carried through the entire preparation and analysis sequence for the purpose of identifying potential contamination introduced during preparation and analysis. Method blanks were analyzed for each sample batch for all analyses.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detections are qualified as non-detect (U) if the concentration in the sample is less than 5 times the concentration in the associated blank. For common laboratory contaminants, detections are qualified as non-detect (U) if the concentration in the sample is less than 10 times the concentration in the associated blank. Sample results that are either non-detect (U), or greater than 5 or 10 times the blank result do not require qualification.

Naphthalene was detected in VOC method blanks MBLK041708LA and MBLK041808LA at 0.22 ug/L and 0.25 ug/L, respectively. Therefore, the following detected results were qualified as non-detected (U).

- Naphthalene in samples BMW-210-032008 and AMW-024-032008

There were no detections of target analytes in the explosive method blanks.

Table 4-2 presents the VOCs QC outliers and associated samples for all assigned qualifiers.

4.5 Trip Blanks

A trip blank is an analyte-free matrix that accompanies samples through the sample collection and transportation process to identify potential VOC contamination. In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detections are qualified as non-detect (U) if the concentration in the sample is less than five times the concentration in the associated blank (ten time for common laboratory contaminants). Sample results that are either non-detect (U), or greater than five or ten times the blank result do not require qualification.

Trip blanks were included with all shipments that contained VOCs. There were no detections of target analytes in the VOC trip blanks.

Trip blank results are summarized in Table 3-7.

4.6 Rinsate Blanks

A rinsate blank is a sample of analyte-free rinse water that is poured over decontaminated field sampling equipment prior to further sample collection. Rinsate blanks identify potential contamination introduced during the sample collection process. In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detections are qualified as non-detect (U) if the concentration in the sample is less than five times the concentration in the

associated blank (ten time for common laboratory contaminants). Sample results that are either non-detect (U), or greater than five or ten times the blank result do not require qualification.

Acetone was detected in rinsate blank RIN-010-032008 at 5.0 ug/L. Therefore, the following associated detected result was qualified as non-detected (U).

- Acetone in sample BMW-210-032008

Acetone was also detected in the several of the other rinsate blanks and tetryl was also detected in the explosive analyses for rinsate blanks RIN-008-032008 and RIN-031-032008. However, no action was required because these compounds were not detected in the associated field samples.

Rinsate blank results are summarized in Table 3-8.

Table 4-2 presents the VOCs QC outliers and associated samples for all assigned qualifiers.

4.7 Surrogates

Surrogates are compounds not normally found in the environment that are added (spiked) into samples prior to extraction (for extractable methods) or prior to analysis (for non-extractable methods). The percent recovery (% REC) of each surrogate is used to assess the success of the sample preparation process for an individual sample.

The percent recovery for the surrogate 1,2-dinitrobenzene on column LC-18 at 131% exceeded laboratory QC limits of 85-130% in sample DMW-090-032008. In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the associated analytes in the affected samples are J-coded for detects if the % RECs are greater than the QC limits. No action is required for non-detects. Therefore, the following detected results were qualified as estimated (J):

- All detected explosive results (1,3-Dinitrobenzene, nitrobenzene, tetryl, 4-amino-2,6-dinitrotoluene, 2-amino-4,6-dinitrotoluene, and 2,6-dinitrotoluene) in sample DMW-090-032008

The % REC for 1,2-dinitrobenzene on the confirmation column in explosive sample BMW-264-032008 exceeded the laboratory QC limits. However, no action is required because all results were reported from the primary column.

The percent recovery for 1,2-dinitrobenzene also exceeded laboratory QC limits in the MSD analysis of sample DMW-090-032008 and in the method blank and LCS for the March 18, 2008 extraction batch. No qualification is taken on QC samples because the sample recoveries were acceptable and the recoveries outside the QC limits in the method blank and LCS were from the confirmation column.

Table 4-2 presents the VOCs QC outliers and associated samples for all assigned qualifiers.

4.8 Laboratory Control Sample / Laboratory Control Sample Duplicate

A laboratory control sample (LCS) consists of a matrix, similar to that of the field sample, which is spiked with known concentrations of analytes. The LCS % REC is a measure of the accuracy of the preparation and analytical methods. The laboratory control sample duplicate (LCSD) is a duplicate preparation and analysis of the LCS. The differences between the LCS and LCSD recoveries are used to calculate the relative percent difference (RPD), which is a measure of the precision of the preparation and analytical methods. LCS samples were analyzed for each sample batch for all analyses.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the associated samples are J-coded for detects and UJ-coded for non-detects if the LCS % RECs are below the laboratory QC limits, but greater than 10%. Non-detects are R-coded if % RECs are less than 10%. Also in accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the associated samples are J-coded for detects if the % RECs are greater than the QC limits. No action is required for non-detects. Additionally, results for the affected analyte in the associated samples are J-coded for detects and UJ-coded for non-detects if the RPD exceeds 30%.

The % REC for 1,2-dichloropropane was below laboratory QC limits of 80-115% in the LCSD analysis (NB031008LCS). Therefore, the following non-detected results were qualified as estimated (UJ):

- 1,2-Dichloropropane in samples BMW-081-032008, DMW-089-032008, AMW-090-032008, BMW-090-032008, DMW-090-032008, AMW-091-032008, BMW-091-032008, and DMW-091-032008

The % RECs for acetone in the LCSD analysis of NA032708LCS and in the LCS/LCSD analyses of MA040808LCS exceeded the laboratory QC limits of 60-140%. Due to the elevated % RECs, the following detected results were qualified as estimated (J):

- Acetone in samples RIN-032-032008, RIN-042-032008, and RIN-0112-032008

The % RECs for HMX in the LCS analyses of B032708LCS, A031108LCS, and B031808LCS were below the laboratory QC limits of 85-115%. Due to the low recoveries, the following results were qualified as estimated (J/UJ):

- HMX in samples AMW-032-032008, BMW-032-032008, DMW-032-032008, AMW-034-032008, BMW-034-032008, DMW-034-032008, AMW-035-032008, BMW-035-032008, DMW-035-032008, AMW-042-032008, AMW-242-032008, BMW-042-032008, DMW-042-032008, AMW-086-032008, BMW-086-032008, DMW-086-032008, AMW-087-032008, BMW-087-032008, DMW-087-032008, AMW-088-032008, BMW-088-032008, BMW-288-032008, DMW-088-032008, AMW-094-032008, BMW-094-032008, BMW-294-032008, DMW-094-032008,

AMW-095-032008, BMW-095-032008, DMW-095-032008, AMW-097-032008, BMW-097-032008, DMW-097-032008, AMW-0116-032008, BMW-0116-032008, DMW-0116-032008 , RIN-032-032008, and RIN-042-032008

The % RECs for 2-amino-4,6-dinitrotoluene in the LCS analyses of A031708LCS and B031808LCS were below the laboratory QC limits of 70-115%. Due to the low recoveries, the following non-detected results were qualified as estimated (UJ):

- 2-Amino-4,6-dinitrotoluene in samples AMW-094-032008, BMW-094-032008, BMW-294-032008, DMW-094-032008, AMW-095-032008, BMW-095-032008, DMW-095-032008, AMW-097-032008, BMW-097-032008, DMW-097-032008, AMW-0106-032008, BMW-0106-032008, DMW-0106-032008, AMW-0107-032008, BMW-0107-032008, DMW-0107-032008, AMW-0108-032008, BMW-0108-032008, DMW-0108-032008, AMW-0110-032008, BMW-0110-032008, and DMW-0110-032008

The RPD for acetone exceeded 30% in the analysis of LB030408LCS/LCSD. Due to the elevated RPD, the following non-detected results were qualified as estimated (UJ):

- Acetone in the samples AMW-041-032008, BMW-041-032008, DMW-041-032008, AMW-046-032008, BMW-046-032008, AMW-062-032008, BMW-062-032008, BMW-262-032008, DMW-062-032008, AMW-0103-032008, BMW-0103-032008, DMW-0103-032008, and TRB-241-032008

The % RECs for several additional compounds were greater than the laboratory QC limits. However, no action was required because all other results for these compounds were non-detects in the associated samples. Tables 4-2 presents the VOC QC outliers and Table 4-3 presents the explosive QC outliers and associated samples for all assigned qualifiers.

4.9 Matrix Spike / Matrix Spike Duplicate

MS and MSD samples were analyzed for both volatile organic analyses and explosives. A field sample is split into three portions (original, MS, and MSD) and known amounts of analytes are added (spiked) into the MS and MSD portions of the sample. The analytical results of these two portions are compared to each other for reproducibility using the RPD. These results are also compared against the un-spiked portion of the sample for % REC of the spiked analytes. MS/MSD analyses were performed on the appropriate samples collected, see Table 2-1. Several additional MS/MSD analyses were performed by the laboratory.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the parent sample are J-coded for detects and UJ-coded for non-detects if the MS/MSD % RECs are below the laboratory QC limits but greater than 10%. Non-detects are R-coded if % RECs are less than 10%. Also in accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte

in the parent sample are J-coded for detects if the MS/MSD % RECs are greater than the QC limits. No action is required for non-detects.

The % RECs for bromomethane in the MS/MSD analyses for sample BMW-081-032008 were below laboratory QC limits of 65-145%. Therefore, the following non-detected result was qualified as estimated (UJ) in the parent sample:

- Bromomethane in sample BMW-081-032008

The MS/MSD % RECs for trichloroethene (TCE) in the MS/MSD analyses of sample AMW-042-032008 exceeded the laboratory QC limits of 80-115%. Due to the elevated % RECs, the following detected results were qualified as estimated (J) in the parent sample and associated field duplicate:

- TCE in sample AMW-042-032008 and AMW-242-032008

The % RECs for 4-amino-2,6-dinitrotoluene in the MSD analysis of sample BMW-044-032008 and in the MS/MSD analyses of sample DMW-090-032008 were below the laboratory QC limits of 85-130%. Additionally, the MSD % REC for 2,6-dinitrotoluene and the MS % REC for 2-amino-4,6-dinitrotoluene were below laboratory QC limits of 75-120% for sample DMW-090-032008. Due to the low recoveries, the following results were qualified as estimated (J/UJ) in the associated parent samples:

- 4-Amino-2,6-dinitrotoluene in samples BMW-044-032008 and BMW-244-032008
- 4-Amino-2,6-dinitrotoluene, 2,6-dinitrotoluene, and 2-amino-4,6-dinitrotoluene in sample DMW-090-032008

The % RECs for HMX in the MSD analyses of samples AMW-0108-032008 and BMW-0115-032008 were below the laboratory QC limits of 85-115%. Due to the low recoveries, the following non-detected results were qualified as estimated (UJ) in the parent samples:

- HMX in samples AMW-0108-032008 and BMW-0115-032008

[Note: Qualifiers were also applied to the field duplicates associated with the parent samples when included in the same QC batches.]

The MS or MSD % RECs for several additional compounds were greater than the laboratory QC limits. However, no action was required because all other results for these compounds were non-detects in the associated samples. Tables 4-2 presents the VOCs and Table 4-3 presents the explosive QC outliers and associated samples for all assigned qualifiers.

4.10 Field Duplicates

Field duplicates provide information regarding the reproducibility of analytical results and account for error introduced from handling, shipping, preparing, and analyzing field samples. The following field duplicate pairs were collected during the first quarter 2008 monitoring well sampling event:

- BMW-010-032008 / BMW-210-032008 (VOC and explosive)
- BMW-021-032008 / BMW-221-032008 (VOC and explosive)
- AMW-029-032008 / AMW-229-032008 (explosive)
- BMW-031-032008 / BMW-231-032008 (explosive)
- AMW-042-032008 / AMW-242-032008 (VOC and explosive)
- BMW-044-032008 / BMW-244-032008 (VOC and explosive)
- BMW-055-032008 / BMW-255-032008 (VOC and explosive)
- BMW-062-032008 / BMW-262-032008 (VOC and explosive)
- BMW-064-032008 / BMW-264-032008 (VOC and explosive)
- AMW-079-032008 / AMW-279-032008 (VOC)
- AMW-080-032008 / AMW-280-032008 (VOC)
- BMW-085-032008 / BMW-285-032008 (explosive)
- BMW-088-032008 / BMW-288-032008 (VOC and explosive)
- BMW-094-032008 / BMW-294-032008 (explosive)
- BMW-0112-032008 / BMW-2112-032008 (VOC and explosive)
- BMW-0114-032008 / BMW-2114-032008 (VOC and explosive)
- BMW-0115-032008 / BMW-2115-032008 (VOC and explosive)

In accordance with the *Data Quality Evaluation Guidance, USACE CENWK-EC-EF* (USACE, 2001) and the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), data are not qualified based on field duplicate sample results. Results within a factor of two of each other were considered to be in agreement. Results between a factor of two to three of each other were considered a minor discrepancy, and results greater than a factor of three were considered a major discrepancy.

All field duplicate results were within a factor of two of each other. It should be noted that 4-amino-2,6-dinitrotoluene was detected in sample BMW-085-032008 at 0.026 ug/L but was not detected in the duplicate sample BMW-285-032008. The duplicate results are considered acceptable because the detected result was below the reporting limit.

It should also be noted that acetone, 1,2,4-trichlorobenzene, 1,2,3-trichlorobenzene, hexachlorobutadiene, and naphthalene were detected at concentrations below the reporting limits in sample BMW-210-032008. However, these compounds were not detected in sample BMW-010-032008. The duplicate results are considered acceptable because the detected results were less than the reporting limits and the results for acetone and naphthalene in sample BMW-210-032008 were ultimately qualified as non-detected due to field blank detections.

Field duplicate results are presented in Table 3-5 (VOCs) and Table 3-6 (Explosives).

4.11 Dilutions and Re-analyses

Qualifiers assigned as a result of calibration range exceedance are not used in the calculation of analytical data completeness percentages if there are acceptable results from diluted sample analyses.

The following samples required a diluted analysis due to analyte concentrations above the calibration range:

- AMW-009-032008 – TCE
- BMW-009-032008 – TCE
- DMW-009-032008 – TCE
- BMW-021-032008 – TCE
- BMW-221-032008 – TCE
- DMW-021-032008 – TCE
- AMW-024-032008 – TCE
- BMW-024-032008 – TCE
- AMW-044-032008 – TCE
- AMW-090-032008 – TCE
- BMW-090-032008 – TCE

The original samples results for TCE in the above samples was flagged "E" by the laboratory as exceeding the calibration range and are considered an estimated values. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results exceeding the calibrations range are not used for reporting or project decisions when acceptable results from dilutions are available. Therefore, the diluted concentrations should be used for TCE and the original undiluted analysis should be used for all other results for these samples. The diluted results other than the result for TCE are not used.

No qualifiers were assigned as a result of exceeded calibration ranges because acceptable results from diluted sample analyses were provided with the following exception.

The result for TCE at 65 ug/L also exceeded the linear calibration range for sample AMW-021-032008. However, this sample was not reanalyzed at a dilution. Therefore, the following detected result is considered an estimated quantity and is qualified as estimated (J):

- TCE in sample AMW-021-032008

[Note: The VOC analyses for samples AMW-009-032008 and AMW-024-032008 were initially analyzed at a 5.7 and 5.5 times dilutions which resulted in elevated reporting limits for the other contaminates of concern. However, no action was taken because TCE was well above both the linear calibration range and target clean-up goals for these samples.]

4.12 Other QC Parameters

A column comparison between the detected explosive results was made using explosive identification summary forms. The validator confirmed all reported explosives detections and column RPDs. The following results had RPDs greater than 40% and the results were qualified as estimated (J): These qualifiers are not used to determine analytical or project completeness.

- 1,3-Dinitrobenzene in samples BMW-021-032008, BMW-221-032008, and DMW-090-032008
- 1,3,5-Trinitrobenzene in samples BMW-021-032008 and BMW-221-032008
- 2-Amino-4,6-dinitrotoluene in samples BMW-006-032008, BMW-008-032008, BMW-210-032008, BMW-021-032008, BMW-024-032008, AMW-042-032008, AMW-242-032008, DMW-042-032008, BMW-055-032008, BMW-255-032008, AMW-062-032008, DMW-088-032008, DMW-0114-032008, and DMW-0115-032008
- 2-Nitrotoluene in samples BMW-055-032008, BMW-255-032008, and AMW-0112-032008
- 2,4-Dinitrotoluene in samples BMW-021-032008 and BMW-221-032008
- 2,4,6-Trinitrotoluene in sample BMW-056-032008
- 2,6-Dinitrotoluene in samples BMW-021-032008, BMW-221-032008, and BMW-024-032008
- 3-Nitrotoluene in samples BMW-021-032008 and BMW-221-032008
- 4-Amino-2,6-dinitrotoluene in samples BMW-008-032008, BMW-032-032008, DMW-032-032008, BMW-085-032008, and DMW-090-032008
- 4-Nitrotoluene in sample DMW-062-032008
- HMX in samples BMW-008-032008, BMW-024-032008, AMW-029-032008, AMW-229-032008, BMW-032-032008, AMW-054-032008, AMW-056-032008, BMW-085-032008, and BMW-285-032008
- Nitrobenzene in samples BMW-021-032008, BMW-221-032008, and DMW-090-032008
- RDX in sample BMW-095-032008
- Tetryl in samples DMW-090-032008, RIN-008-032008, and RIN-031-032008

Table 4-3 presents the explosives QC outliers and associated samples.

These qualifiers were not used to determine analytical completeness or project completeness (Section 5.0).

4.13 Laboratory Qualifiers

Analytes detected below the quantitation limit or reporting limit, but above the lowest level of detection were quantified and results were assigned an estimated (J) qualifier by the laboratory. These qualifiers were carried over by the validator and were not used to determine analytical completeness or project completeness (Section 5.0).

5.0 OVERALL ASSESSMENT

The following subsections present the field completeness, analytical completeness, and project completeness determinations for the first quarter 2008 monitoring well sampling event. All completeness goals were established in the QAPP (ECC, 2006).

5.1 Field Completeness

Field completeness for sample collection is assessed by comparing the number of samples collected to the number of samples planned for collection. Field completeness for the VOCs is 100% and field completeness for the explosives is 98%. Locations MW-36A, MW-36B, and MW-36C scheduled for sampling this quarter could not be sampled because the field team was unable to obtain access for MW-36. Locations MW-35A, MW-35B, and MW-35C were only scheduled for explosive analysis for this quarter. However, the samplers also collected volatiles from these locations. This resulted in three extra VOC samples, but because MW36 was not sampled, the completeness for the VOCs remains 100%. The overall field completeness percentage is therefore 99%. All field completeness percentages exceed the field completeness goal of 95%. Section 2.0 presents the field sampling activities, including any deviations from planned sampling if applicable. Table 5-1 presents field completeness values.

5.2 Analytical Completeness

Analytical completeness is calculated as both acceptable data completeness and quality data completeness.

Acceptable data is a measure of laboratory contract compliance. Acceptable data includes data that have not been rejected or qualified as estimated (J). Qualified data are considered acceptable if appropriate corrective actions were taken by the laboratory. Acceptable data completeness percentages for VOCs (99%) and explosives (96%) exceeded the acceptable data completeness goals for each analytical method of 90%. The overall acceptable data completeness (98%) also exceeds the overall acceptable data completeness goal of 95%.

Quality data is a measure of the percentage of usable data points. Usable data points include all non-rejected data. Rejected data points with replacement data do not count against quality data completeness. The quality data completeness percentage for VOCs and explosives, considered separately, is 100%. The overall quality data completeness percentage is therefore 100%, which exceeds the quality data completeness goal of 80%. Table 5-2 presents analytical data completeness values.

5.3 Project Completeness

Project completeness combines sampling and analytical protocols to assess the project as a whole. Project completeness is assessed by comparing the percentage of samples/measurements that are determined to be usable to the total number of samples/measurements planned. Project completeness is calculated using field completeness and analytical completeness (quality data)

percentages. Analytical completeness for the sampling event was 100% and field completeness was 99%. The project completeness was calculated as 99.5%. Table 5-3 presents project completeness values.

6.0 CONCLUSIONS

No data points were qualified as rejected (R). Data are valid for use, as qualified. Overall field completeness is 99%, acceptable data completeness is 98%, and the quality data completeness is 100%. The overall project completeness is 99.5%. All exceeded the established goals.

7.0 REFERENCES

ECC, 2006, *Work Plan and Sampling and Analysis Plan for Groundwater Monitoring Well Sampling*, Part I - Work Plan, Part II - Field Sampling Plan, Part III - Quality Assurance Project Plan, June.

ECC, 2007 *Mead Validation Guidelines*, (approved by USACE 2007).

USACE, 2001, *CENWK-EC-EF Data Quality Evaluation Guidance*, July.

Tables

Table 1-1
Sampling Locations
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Monitoring Wells	Sample Identifications	Analyses[1]
MW-03A	AMW-003-032008	Explosives, Volatiles
MW-03B	BMW-003-032008	Explosives, Volatiles
MW-06A	AMW-006-032008	Explosives
MW-06B	BMW-006-032008	Explosives
MW-08A	AMW-008-032008	Explosives, Volatiles
MW-08B	BMW-008-032008	Explosives, Volatiles
MW-09A	AMW-009-032008	Volatiles
MW-09B	BMW-009-032008	Volatiles
MW-09D	DMW-009-032008	Volatiles
MW-10A	AMW-010-032008	Explosives, Volatiles
MW-10B	BMW-010-032008	Explosives, Volatiles
MW-15	AMW-015-032008	Volatiles
MW-18A	AMW-018-032008	Explosives, Volatiles
MW-18B	BMW-018-032008	Explosives, Volatiles
MW-18C	CMW-018-032008	Explosives, Volatiles
MW-21A	AMW-021-032008	Explosives, Volatiles
MW-21B	BMW-021-032008	Explosives, Volatiles
MW-21D	DMW-021-032008	Explosives, Volatiles
MW-24A	AMW-024-032008	Explosives, Volatiles
MW-24B	BMW-024-032008	Explosives, Volatiles
MW-25A	AMW-025-032008	Explosives
MW-25B	BMW-025-032008	Explosives
MW-28A	AMW-028-032008	Explosives
MW-28B	BMW-028-032008	Explosives
MW-28D	DMW-028-032008	Explosives
MW-29A	AMW-029-032008	Explosives
MW-29B	BMW-029-032008	Explosives
MW-31A	AMW-031-032008	Explosives, Volatiles
MW-31B	BMW-031-032008	Explosives, Volatiles
MW-32A	AMW-032-032008	Explosives, Volatiles
MW-32B	BMW-032-032008	Explosives, Volatiles
MW-32D	DMW-032-032008	Explosives, Volatiles
MW-34A	AMW-034-032008	Explosives
MW-34B	BMW-034-032008	Explosives
MW-34D	DMW-034-032008	Explosives
MW-35A	AMW-035-032008	Explosives[3]
MW-35B	BMW-035-032008	Explosives[3]
MW-35D	DMW-035-032008	Explosives[3]
MW-36A[2]	AMW-036-032008	Explosives, Volatiles
MW-36B[2]	BMW-036-032008	Explosives, Volatiles
MW-36D[2]	DMW-036-032008	Explosives, Volatiles
MW-38A	AMW-038-032008	Explosives, Volatiles
MW-38D	DMW-038-032008	Explosives, Volatiles
MW-41A	AMW-041-032008	Volatiles
MW-41B	BMW-041-032008	Volatiles
MW-41D	DMW-041-032008	Volatiles

Table 1-1
Sampling Locations
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Monitoring Wells	Sample Identifications	Analyses[1]
MW-42A	AMW-042-032008	Explosives, Volatiles
MW-42B	BMW-042-032008	Explosives, Volatiles
MW-42D	DMW-042-032008	Explosives, Volatiles
MW-44A	AMW-044-032008	Explosives, Volatiles
MW-44B	BMW-044-032008	Explosives, Volatiles
MW-44D	DMW-044-032008	Explosives, Volatiles
MW-46A	AMW-046-032008	Explosives, Volatiles
MW-46B	BMW-046-032008	Explosives, Volatiles
MW-46D	DMW-046-032008	Explosives, Volatiles
MW-54A	AMW-054-032008	Explosives, Volatiles
MW-54B	BMW-054-032008	Explosives, Volatiles
MW-55A	AMW-055-032008	Explosives, Volatiles
MW-55B	BMW-055-032008	Explosives, Volatiles
MW-56A	AMW-056-032008	Explosives, Volatiles
MW-56B	BMW-056-032008	Explosives, Volatiles
MW-62A	AMW-062-032008	Explosives, Volatiles
MW-62B	BMW-062-032008	Explosives, Volatiles
MW-62D	DMW-062-032008	Explosives, Volatiles
MW-64B	BMW-064-032008	Explosives, Volatiles
MW-79A	AMW-079-032008	Volatiles
MW-79B	BMW-079-032008	Volatiles
MW-80A	AMW-080-032008	Volatiles
MW-80B	BMW-080-032008	Volatiles
MW-80D	DMW-080-032008	Volatiles
MW-81A	AMW-081-032008	Volatiles
MW-81B	BMW-081-032008	Volatiles
MW-81D	DMW-081-032008	Volatiles
MW-82A	AMW-082-032008	Explosives
MW-82B	BMW-082-032008	Explosives
MW-82D	DMW-082-032008	Explosives
MW-83A	AMW-083-032008	Explosives
MW-83B	BMW-083-032008	Explosives
MW-83D	DMW-083-032008	Explosives
MW-85A	AMW-085-032008	Explosives
MW-85B	BMW-085-032008	Explosives
MW-85D	DMW-085-032008	Explosives
MW-86A	AMW-086-032008	Explosives
MW-86B	BMW-086-032008	Explosives
MW-86D	DMW-086-032008	Explosives
MW-87A	AMW-087-032008	Explosives, Volatiles
MW-87B	BMW-087-032008	Explosives, Volatiles
MW-87D	DMW-087-032008	Explosives, Volatiles
MW-88A	AMW-088-032008	Explosives, Volatiles
MW-88B	BMW-088-032008	Explosives, Volatiles
MW-88D	DMW-088-032008	Explosives, Volatiles
MW-89A	AMW-089-032008	Volatiles
MW-89B	BMW-089-032008	Volatiles

Table 1-1
Sampling Locations
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Monitoring Wells	Sample Identifications	Analyses[1]
MW-89D	DMW-089-032008	Volatiles
MW-90A	AMW-090-032008	Explosives, Volatiles
MW-90B	BMW-090-032008	Explosives, Volatiles
MW-90D	DMW-090-032008	Explosives, Volatiles
MW-91A	AMW-091-032008	Volatiles
MW-91B	BMW-091-032008	Volatiles
MW-91D	DMW-091-032008	Volatiles
MW-92A	AMW-092-032008	Volatiles
MW-92B	BMW-092-032008	Volatiles
MW-93A	AMW-093-032008	Volatiles
MW-93B	BMW-093-032008	Volatiles
MW-94A	AMW-094-032008	Explosives
MW-94B	BMW-094-032008	Explosives
MW-94D	DMW-094-032008	Explosives
MW-95A	AMW-095-032008	Explosives
MW-95B	BMW-095-032008	Explosives
MW-95D	DMW-095-032008	Explosives
MW-97A	AMW-097-032008	Explosives
MW-97B	BMW-097-032008	Explosives
MW-97D	DMW-097-032008	Explosives
MW-99A	AMW-099-032008	Explosives
MW-99B	BMW-099-032008	Explosives
MW-99D	DMW-099-032008	Explosives
MW-101A	AMW-0101-032008	Volatiles
MW-101B	BMW-0101-032008	Volatiles
MW-101D	DMW-0101-032008	Volatiles
MW-102A	AMW-0102-032008	Volatiles
MW-102B	BMW-0102-032008	Volatiles
MW-102D	DMW-0102-032008	Volatiles
MW-103A	AMW-0103-032008	Volatiles
MW-103B	BMW-0103-032008	Volatiles
MW-103D	DMW-0103-032008	Volatiles
MW-106A	AMW-0106-032008	Explosives, Volatiles
MW-106B	BMW-0106-032008	Explosives, Volatiles
MW-106D	DMW-0106-032008	Explosives, Volatiles
MW-107A	AMW-0107-032008	Explosives, Volatiles
MW-107B	BMW-0107-032008	Explosives, Volatiles
MW-107D	DMW-0107-032008	Explosives, Volatiles
MW-108A	AMW-0108-032008	Explosives, Volatiles
MW-108B	BMW-0108-032008	Explosives, Volatiles
MW-108D	DMW-0108-032008	Explosives, Volatiles
MW-110A	AMW-0110-032008	Explosives, Volatiles
MW-110B	BMW-0110-032008	Explosives, Volatiles
MW-110D	DMW-0110-032008	Explosives, Volatiles
MW-112A	AMW-0112-032008	Explosives, Volatiles
MW-112B	BMW-0112-032008	Explosives, Volatiles
MW-113A	AMW-0113-032008	Explosives, Volatiles

Table 1-1
Sampling Locations
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Monitoring Wells	Sample Identifications	Analyses[1]
MW-113B	BMW-0113-032008	Explosives, Volatiles
MW-113D	DMW-0113-032008	Explosives, Volatiles
MW-114A	AMW-0114-032008	Explosives, Volatiles
MW-114B	BMW-0114-032008	Explosives, Volatiles
MW-114D	DMW-0114-032008	Explosives, Volatiles
MW-115A	AMW-0115-032008	Explosives, Volatiles
MW-115B	BMW-0115-032008	Explosives, Volatiles
MW-115D	DMW-0115-032008	Explosives, Volatiles
MW-116A	AMW-0116-032008	Explosives, Volatiles
MW-116B	BMW-0116-032008	Explosives, Volatiles
MW-116D	DMW-0116-032008	Explosives, Volatiles

Notes:

[1] = Explosives by EPA Method 8330 and Volatiles by EPA Method 8260

[2] =These three locations scheduled for sampling this quarter could not be sampled. The field team was unable to obtain access for MW-36.

[3] =These three locations were only scheduled for explosive analysis. However, the samplers also collected volatiles from these locations.

Table 2-1
Sample Collection Summary
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Laboratory	COC ID	Laboratory ID	SDG	Analyses	
								VOCs	Explosives
Field Samples									
AMW-003-032008			4/4/2008	4/5/2008	None	747450	124853	●	●
BMW-003-032008			4/4/2008	4/5/2008	None	747449	124853	●	●
AMW-006-032008			4/4/2008	4/5/2008	None	747454	124853		●
BMW-006-032008			4/4/2008	4/5/2008	None	747453	124853		●
AMW-008-032008			4/4/2008	4/5/2008	None	747444	124853	●	●
BMW-008-032008			4/4/2008	4/5/2008	None	747445	124853	●	●
AMW-009-032008			4/1/2008	4/3/2008	None	746715	124813	●	
BMW-009-032008			4/1/2008	4/3/2008	None	746716	124813	●	
DMW-009-032008			4/1/2008	4/3/2008	None	746717	124813	●	
AMW-010-032008			4/7/2008	4/9/2008	None	748058	124895	●	●
BMW-010-032008			4/7/2008	4/9/2008	None	748056	124895	●	●
		BMW-010-032008MS	4/7/2008	4/9/2008	None	748056MS	124895	●	●
		BMW-010-032008MSD	4/7/2008	4/9/2008	None	748056MD	124895	●	●
	BMW-210-032008		4/7/2008	4/9/2008	None	748057	124895	●	●
AMW-015-032008			4/7/2008	4/9/2008	None	748063	124895	●	
AMW-018-032008			4/7/2008	4/9/2008	None	748064	124895	●	●
BMW-018-032008			4/7/2008	4/9/2008	None	748065	124895	●	●
CMW-018-032008			4/7/2008	4/9/2008	None	748066	124895	●	●
AMW-021-032008			4/4/2008	4/5/2008	None	747447	124853	●	●
BMW-021-032008			4/3/2008	4/5/2008	None	747440	124853	●	●
		BMW-021-032008MS	4/3/2008	4/5/2008	None	747440MS	124853	●	●
		BMW-021-032008MSD	4/3/2008	4/5/2008	None	747440MD	124853	●	●
	BMW-221-032008		4/3/2008	4/5/2008	None	747441	124853	●	●
DMW-021-032008			4/4/2008	4/5/2008	None	747448	124853	●	●
AMW-024-032008			4/7/2008	4/9/2008	None	748062	124895	●	●
BMW-024-032008			4/7/2008	4/9/2008	None	748061	124895	●	●
AMW-025-032008			4/4/2008	4/5/2008	None	747452	124853		●
BMW-025-032008			4/4/2008	4/5/2008	None	747451	124853		●

Table 2-1
Sample Collection Summary
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Laboratory	COC ID	Laboratory ID	SDG	Analyses	
								VOCs	Explosives
AMW-028-032008			4/8/2008	4/9/2008	None	748070	124895		●
BMW-028-032008			4/8/2008	4/9/2008	None	748071	124895		●
DMW-028-032008			4/8/2008	4/9/2008	None	748072	124895		●
AMW-029-032008			3/18/2008	3/20/2008	None	743941	124534		●
	AMW-229-032008		3/18/2008	3/20/2008	None	743942	124534		●
BMW-029-032008			3/18/2008	3/20/2008	None	743943	124534		●
AMW-031-032008			4/8/2008	4/9/2008	None	748069	124895	●	●
BMW-031-032008			4/8/2008	4/9/2008	None	748067	124895	●	●
	BMW-231-032008		4/8/2008	4/9/2008	None	748068	124895		●
AMW-032-032008			3/21/2008	3/22/2008	None	744341	124635	●	●
BMW-032-032008			3/21/2008	3/22/2008	None	744344	124635	●	●
DMW-032-032008			3/21/2008	3/22/2008	None	744345	124635	●	●
AMW-034-032008			3/20/2008	3/22/2008	None	744340	124635		●
BMW-034-032008			3/20/2008	3/22/2008	None	744338	124635		●
DMW-034-032008			3/20/2008	3/22/2008	None	744339	124635		●
AMW-035-032008			3/5/2008	3/10/2008	None	742709	124431	●	●
BMW-035-032008			3/5/2008	3/10/2008	None	742708	124431	●	●
DMW-035-032008			3/5/2008	3/10/2008	None	742710	124431	●	●
AMW-038-032008			3/19/2008	3/20/2008	None	743953	124600	●	●
DMW-038-032008			3/19/2008	3/20/2008	None	743954	124600	●	●
AMW-041-032008			2/27/2008	3/1/2008	None	741979	124333	●	
BMW-041-032008			2/27/2008	3/1/2008	None	741980	124333	●	
DMW-041-032008			2/27/2008	3/1/2008	None	741981	124333	●	
AMW-042-032008			3/20/2008	3/22/2008	None	744333	124635	●	●
		AMW-042-032008MS	3/20/2008	3/22/2008	None	744333MS	124635	●	●
		AMW-042-032008MSD	3/20/2008	3/22/2008	None	744333MD	124635	●	●
	AMW-242-032008		3/20/2008	3/22/2008	None	744334	124635	●	●
BMW-042-032008			3/20/2008	3/22/2008	None	744336	124635	●	●
DMW-042-032008			3/20/2008	3/22/2008	None	744337	124635	●	●

Table 2-1
Sample Collection Summary
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Laboratory	COC ID	Laboratory ID	SDG	Analyses	
								VOCs	Explosives
AMW-044-032008			2/27/2008	3/1/2008	None	741987	124333	●	●
BMW-044-032008			2/27/2008	3/1/2008	None	741988	124333	●	●
		BMW-044-032008MS	2/27/2008	3/1/2008	None	741988MS	124333	●	●
		BMW-044-032008MSD	2/27/2008	3/1/2008	None	741988MD	124333	●	●
	BMW-244-032008		2/27/2008	3/1/2008	None	741989	124333	●	●
DMW-044-032008			2/27/2008	3/1/2008	None	741986	124333	●	●
AMW-046-032008			2/27/2008	3/1/2008	None	741984	124333	●	●
BMW-046-032008			2/27/2008	3/1/2008	None	741983	124333	●	●
DMW-046-032008			2/27/2008	3/1/2008	None	741985	124333	●	●
AMW-054-032008			4/2/2008	4/3/2008	None	746719	124813	●	●
BMW-054-032008			4/2/2008	4/3/2008	None	746718	124813	●	●
AMW-055-032008			4/2/2008	4/3/2008	None	746723	124813	●	●
BMW-055-032008			4/2/2008	4/3/2008	None	746721	124813	●	●
	BMW-255-032008		4/2/2008	4/3/2008	None	746722	124813	●	●
AMW-056-032008			4/2/2008	4/3/2008	None	746725	124813	●	●
BMW-056-032008			4/2/2008	4/3/2008	None	746724	124813	●	●
AMW-062-032008			2/26/2008	2/27/2008	None	741707	124290	●	●
BMW-062-032008			2/26/2008	2/27/2008	None	741708	124290	●	●
		BMW-062-032008MS	2/26/2008	2/27/2008	None	741708MS	124290	●	●
		BMW-062-032008MSD	2/26/2008	2/27/2008	None	741708MD	124290	●	●
	BMW-262-032008		2/26/2008	2/27/2008	None	741709	124290	●	●
DMW-062-032008			2/26/2008	2/27/2008	None	741706	124290	●	●
BMW-064-032008			4/8/2008	4/9/2008	None	748074	124895	●	●
	BMW-264-032008		4/8/2008	4/9/2008	None	748075	124895	●	●
AMW-079-032008			2/28/2008	3/1/2008	None	741994	124333	●	
	AMW-279-032008		2/28/2008	3/1/2008	None	741995	124333	●	
BMW-079-032008			2/28/2008	3/1/2008	None	741993	124333	●	
AMW-080-032008			2/28/2008	3/1/2008	None	741998	124334	●	
	AMW-280-032008		2/28/2008	3/1/2008	None	741999	124334	●	

Table 2-1
Sample Collection Summary
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Laboratory	COC ID	Laboratory ID	SDG	Analyses	
								VOCs	Explosives
BMW-080-032008			2/28/2008	3/1/2008	None	741996	124334	●	
DMW-080-032008			2/28/2008	3/1/2008	None	741997	124334	●	
AMW-081-032008			2/29/2008	3/1/2008	None	742004	124334	●	
BMW-081-032008			2/29/2008	3/1/2008	None	742003	124334	●	
		BMW-081-032008MS	2/29/2008	3/1/2008	None	742003MS	124334	●	
		BMW-081-032008MSD	2/29/2008	3/1/2008	None	742003MD	124334	●	
DMW-081-032008			2/29/2008	3/1/2008	None	742002	124334	●	
AMW-082-032008			3/19/2008	3/20/2008	None	743949	124600		●
BMW-082-032008			3/19/2008	3/20/2008	None	743950	124600		●
DMW-082-032008			3/19/2008	3/20/2008	None	743947	124534		●
AMW-083-032008			3/18/2008	3/20/2008	None	743946	124534		●
BMW-083-032008			3/18/2008	3/20/2008	None	743944	124534		●
DMW-083-032008			3/18/2008	3/20/2008	None	743945	124534		●
AMW-085-032008			3/18/2008	3/20/2008	None	743939	124534		●
BMW-085-032008			3/18/2008	3/20/2008	None	743948	124600		●
		BMW-085-032008MS	3/18/2008	3/20/2008	None	743948MS	124600		●
		BMW-085-032008MSD	3/18/2008	3/20/2008	None	743948MD	124600		●
	BMW-285-032008		3/18/2008	3/20/2008	None	743938	124534		●
DMW-085-032008			3/18/2008	3/20/2008	None	743940	124534		●
AMW-086-032008			3/6/2008	3/10/2008	None	742719	124431		●
BMW-086-032008			3/6/2008	3/10/2008	None	742720	124431		●
DMW-086-032008			3/6/2008	3/10/2008	None	742718	124431		●
AMW-087-032008			3/6/2008	3/10/2008	None	742712	124431	●	●
BMW-087-032008			3/6/2008	3/10/2008	None	742713	124431	●	●
DMW-087-032008			3/6/2008	3/10/2008	None	742711	124431	●	●
AMW-088-032008			3/6/2008	3/10/2008	None	742715	124431	●	●
BMW-088-032008			3/6/2008	3/10/2008	None	742716	124431	●	●
		BMW-088-032008MS	3/6/2008	3/10/2008	None	742716MS	124431	●	●
		BMW-088-032008MSD	3/6/2008	3/10/2008	None	742716MD	124431	●	●

Table 2-1
Sample Collection Summary
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Laboratory	COC ID	Laboratory ID	SDG	Analyses	
								VOCs	Explosives
	BMW-288-032008		3/6/2008	3/10/2008	None	742717	124431	●	●
DMW-088-032008			3/6/2008	3/10/2008	None	742714	124431	●	●
AMW-089-032008			2/29/2008	3/1/2008	None	742006	124334	●	
BMW-089-032008			2/29/2008	3/1/2008	None	742005	124334	●	
DMW-089-032008			2/29/2008	3/1/2008	None	742007	124334	●	
AMW-090-032008			2/29/2008	3/1/2008	None	742012	124334	●	●
BMW-090-032008			2/29/2008	3/1/2008	None	742011	124334	●	●
DMW-090-032008			2/29/2008	3/1/2008	None	742013	124334	●	●
AMW-091-032008			2/29/2008	3/1/2008	None	742009	124334	●	
BMW-091-032008			2/29/2008	3/1/2008	None	742008	124334	●	
DMW-091-032008			2/29/2008	3/1/2008	None	742010	124334	●	
AMW-092-032008			2/28/2008	3/1/2008	None	742001	124334	●	
BMW-092-032008			2/28/2008	3/1/2008	None	742000	124334	●	
AMW-093-032008			3/5/2008	3/10/2008	None	742707	124431	●	
BMW-093-032008			3/5/2008	3/10/2008	None	742705	124431	●	
AMW-094-032008			3/14/2008	3/15/2008	None	743444	124534		●
BMW-094-032008			3/14/2008	3/15/2008	None	743446	124534		●
		BMW-094-032008MS	3/14/2008	3/15/2008	None	743446MS	124534		●
		BMW-094-032008MSD	3/14/2008	3/15/2008	None	743446MD	124534		●
	BMW-294-032008		3/14/2008	3/15/2008	None	743445	124534		●
DMW-094-032008			3/14/2008	3/15/2008	None	743443	124534		●
AMW-095-032008			3/13/2008	3/15/2008	None	743439	124534		●
BMW-095-032008			3/13/2008	3/15/2008	None	743438	124534		●
DMW-095-032008			3/13/2008	3/15/2008	None	743437	124534		●
AMW-097-032008			3/13/2008	3/15/2008	None	743441	124534		●
BMW-097-032008			3/13/2008	3/15/2008	None	743442	124534		●
DMW-097-032008			3/13/2008	3/15/2008	None	743440	124534		●
AMW-099-032008			2/26/2008	2/27/2008	None	741704	124290		●
BMW-099-032008			2/26/2008	2/27/2008	None	741703	124290		●

Table 2-1
Sample Collection Summary
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Laboratory	COC ID	Laboratory ID	SDG	Analyses	
								VOCs	Explosives
DMW-099-032008			2/26/2008	2/27/2008	None	741705	124290		●
AMW-0101-032008			2/28/2008	3/1/2008	None	741991	124333	●	
BMW-0101-032008			2/28/2008	3/1/2008	None	741992	124333	●	
DMW-0101-032008			2/28/2008	3/1/2008	None	741990	124333	●	
AMW-0102-032008			2/25/2008	2/27/2008	None	741698	124290	●	
BMW-0102-032008			2/25/2008	2/27/2008	None	741696	124290	●	
DMW-0102-032008			2/25/2008	2/27/2008	None	741699	124290	●	
AMW-0103-032008			2/26/2008	2/27/2008	None	741701	124290	●	
BMW-0103-032008			2/26/2008	2/27/2008	None	741702	124290	●	
DMW-0103-032008			2/26/2008	2/27/2008	None	741700	124290	●	
AMW-0106-032008			3/10/2008	3/13/2008	None	743112	124432	●	●
BMW-0106-032008			3/10/2008	3/13/2008	None	743111	124432	●	●
DMW-0106-032008			3/10/2008	3/13/2008	None	743113	124432	●	●
AMW-0107-032008			3/11/2008	3/13/2008	None	743114	124432	●	●
BMW-0107-032008			3/11/2008	3/13/2008	None	743116	124432	●	●
DMW-0107-032008			3/11/2008	3/13/2008	None	743115	124432	●	●
AMW-0108-032008			3/10/2008	3/13/2008	None	743108	124432	●	●
		AMW-0108-032008MS	3/10/2008	3/13/2008	None	743108MS	124432	●	●
		AMW-0108-032008MSD	3/10/2008	3/13/2008	None	743108MD	124432	●	●
BMW-0108-032008			3/10/2008	3/13/2008	None	743109	124432	●	●
DMW-0108-032008			3/10/2008	3/13/2008	None	743110	124432	●	●
AMW-0110-032008			3/11/2008	3/13/2008	None	743117	124432	●	●
BMW-0110-032008			3/11/2008	3/13/2008	None	743118	124432	●	●
DMW-0110-032008			3/11/2008	3/13/2008	None	743119	124432	●	●
AMW-0112-032008			4/1/2008	4/3/2008	None	746709	124813	●	●
BMW-0112-032008			4/1/2008	4/3/2008	None	746707	124813	●	●
		BMW-0112-032008MS	4/1/2008	4/3/2008	None	746707MS	124813	●	●
		BMW-0112-032008MSD	4/1/2008	4/3/2008	None	746707MD	124813	●	●
	BMW-2112-032008		4/1/2008	4/3/2008	None	746708	124813	●	●

Table 2-1
Sample Collection Summary
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Laboratory	COC ID	Laboratory ID	SDG	Analyses	
								VOCs	Explosives
AMW-0113-032008			4/1/2008	4/3/2008	None	746714	124813	●	●
BMW-0113-032008			4/1/2008	4/3/2008	None	746710	124813	●	●
DMW-0113-032008			4/1/2008	4/3/2008	None	746713	124813	●	●
AMW-0114-032008			3/7/2008	3/10/2008	None	742728	124432	●	●
BMW-0114-032008			3/7/2008	3/10/2008	None	742729	124432	●	●
	BMW-2114-032008		3/7/2008	3/10/2008	None	742730	124432	●	●
DMW-0114-032008			3/7/2008	3/10/2008	None	742731	124432	●	●
AMW-0115-032008			3/7/2008	3/10/2008	None	742725	124432	●	●
BMW-0115-032008			3/7/2008	3/10/2008	None	742726	124432	●	●
		BMW-0115-032008MS	3/7/2008	3/10/2008	None	742726MS	124432	●	●
		BMW-0115-032008MSD	3/7/2008	3/10/2008	None	742726MD	124432	●	●
	BMW-2115-032008		3/7/2008	3/10/2008	None	742727	124432	●	●
DMW-0115-032008			3/7/2008	3/10/2008	None	742724	124432	●	●
AMW-0116-032008[1]			3/7/2008	3/10/2008	None	742721	124431		●
			3/19/2008	3/20/2008	None	743951	124600	●	
BMW-0116-032008			3/7/2008	3/10/2008	None	742723	124431	●	●
DMW-0116-032008			3/7/2008	3/10/2008	None	742722	124431	●	●
Rinsate Blanks									
RIN-038-032008			3/19/2008	3/20/2008	None	743955	124600	●	●
RIN-032-032008			3/21/2008	3/22/2008	None	744343	124635	●	●
RIN-042-032008			3/20/2008	3/22/2008	None	744342	124635	●	●
RIN-054-032008			4/2/2008	4/3/2008	None	746720	124813	●	●
RIN-0112-032008			4/1/2008	4/3/2008	None	746712	124813	●	●
RIN-008-032008			4/4/2008	4/5/2008	None	747446	124853	●	●
RIN-021-032008			4/3/2008	4/5/2008	None	747443	124853	●	●
RIN-010-032008			4/7/2008	4/9/2008	None	748060	124895	●	●
RIN-031-032008			4/8/2008	4/9/2008	None	748073	124895	●	●
Trip Blanks									
TRB-2102-032008			2/25/2008	2/27/2008	None	741697	124290	●	

Table 2-1
Sample Collection Summary
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Laboratory	COC ID	Laboratory ID	SDG	Analyses	
								VOCs	Explosives
TRB-241-032008			2/27/2008	3/1/2008	None	741982	124333	•	
TRB-293-032008			3/5/2008	3/10/2008	None	742706	124431	•	
TRB-2108-032008			3/10/2008	3/13/2008	None	743120	124432	•	
TRB-2116-032008			3/19/2008	3/20/2008	None	743952	124600	•	
TRB-242-032008			3/20/2008	3/22/2008	None	744335	124635	•	
TRB-2112-032008			4/1/2008	4/3/2008	None	746711	124813	•	
TRB-221-032008			4/3/2008	4/5/2008	None	747442	124853	•	
TRB-210-032008			4/7/2008	4/9/2008	None	748059	124895	•	

Notes:

• = Requested for the indicated analyses.
COC = Chain of Custody Record
ID = Identification
Lab = Laboratory
MS/MSD = Matrix Spike / Matrix Spike Duplicate
SDG = Sample Delivery Group
VOCs = Volatile Organic Compounds
[1] = Sample was recollected due to head space in original vial. VOCs are reported from the March 19, 2008 collection of MW-116A.

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-03A	MW-03B	MW-08A	MW-08B	MW-09A		MW-09B	
Field Sample ID:		AMW-003-032008	BMW-003-032008	AMW-008-032008	BMW-008-032008	AMW-009-032008		BMW-009-032008	
Laboratory Sample ID:		747450	747449	747444	747445	746715		746716	
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT		TALVT	
Sample Date:		4/4/2008	4/4/2008	4/4/2008	4/4/2008	4/1/2008		4/1/2008	
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample		Original Sample	
Analysis Information		I 1	I 1	I 1	I 1	DL 63.8	I 5.7	DL 3.2	I 1
Volatile Organic Compounds	**Units**								
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.9		0.66 J	
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	29 U		5.0 U	
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	29 U		5.0 U	
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	29 U		5.0 U	
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	29 U		5.0 U	
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-03A	MW-03B	MW-08A	MW-08B	MW-09A		MW-09B	
Field Sample ID:		AMW-003-032008	BMW-003-032008	AMW-008-032008	BMW-008-032008	AMW-009-032008		BMW-009-032008	
Laboratory Sample ID:		747450	747449	747444	747445	746715		746716	
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT		TALVT	
Sample Date:		4/4/2008	4/4/2008	4/4/2008	4/4/2008	4/1/2008		4/1/2008	
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample		Original Sample	
Analysis Information		I 1	I 1	I 1	I 1	DL 63.8	I 5.7	DL 3.2	I 1
Volatile Organic Compounds	**Units**								
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		0.84 J	
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.9		0.66 J	
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Trichloroethene	µg/l	0.27 J	1.0 U	1.0 U	1.0 U	(63.8x)	2000	(3.2x)	83
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-03A	MW-03B	MW-08A	MW-08B	MW-09A		MW-09B	
Field Sample ID:		AMW-003-032008	BMW-003-032008	AMW-008-032008	BMW-008-032008	AMW-009-032008		BMW-009-032008	
Laboratory Sample ID:		747450	747449	747444	747445	746715		746716	
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT		TALVT	
Sample Date:		4/4/2008	4/4/2008	4/4/2008	4/4/2008	4/1/2008		4/1/2008	
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample		Original Sample	
Analysis Information		I 1	I 1	I 1	I 1	DL 63.8	I 5.7	DL 3.2	I 1
Volatile Organic Compounds	**Units**								
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	5.7 U		1.0 U	

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-09D	MW-10A	MW-10B	MW-10B	MW-15	MW-18A
Field Sample ID:		DMW-009-032008	AMW-010-032008	BMW-010-032008	BMW-210-032008	AMW-015-032008	AMW-018-032008
Laboratory Sample ID:		746717	748058	748056	748057	748063	748064
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/1/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
Field QC		Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample
Analysis Information		DL 40 I 3.4	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	3.4 U	1.0 U	1.0 U	0.41 J	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	3.4 U	1.0 U	1.0 U	0.38 J	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	3.4 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	17 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	17 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	17 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	17 U	5.0 U	5.0 U	2.5 U	5.0 U	5.0 U
Benzene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:			MW-09D	MW-10A	MW-10B	MW-10B	MW-15	MW-18A
Field Sample ID:			DMW-009-032008	AMW-010-032008	BMW-010-032008	BMW-210-032008	AMW-015-032008	AMW-018-032008
Laboratory Sample ID:			746717	748058	748056	748057	748063	748064
Laboratory Name			TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:			4/1/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
Field QC			Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample
Analysis Information			DL 40 I 3.4	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
Bromoform	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l		3.4 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l		3.4 U	1.0 U	1.0 U	0.41 J	1.0 U	1.0 U
Isopropylbenzene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l		3.4 U	1.0 U	1.0 U	0.61 U	1.0 U	1.0 U
n-Butylbenzene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	(40x)	1200	1.0 U	1.0 U	1.0 U	1.0 U	0.55 J
Trichlorofluoromethane	µg/l		3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-09D	MW-10A	MW-10B	MW-10B	MW-15	MW-18A
Field Sample ID:		DMW-009-032008	AMW-010-032008	BMW-010-032008	BMW-210-032008	AMW-015-032008	AMW-018-032008
Laboratory Sample ID:		746717	748058	748056	748057	748063	748064
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/1/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
Field QC		Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample
Analysis Information		DL 40 I 3.4	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	3.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-18B	MW-18C	MW-21A	MW-21B	MW-21B	MW-21D
Field Sample ID:		BMW-018-032008	CMW-018-032008	AMW-021-032008	BMW-021-032008	BMW-221-032008	DMW-021-032008
Laboratory Sample ID:		748065	748066	747447	747440	747441	747448
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/7/2008	4/7/2008	4/4/2008	4/3/2008	4/3/2008	4/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample
Analysis Information		I 1	I 1	I 1	DL 1.8 I 1	DL 2.0 I 1	DL 10.0 I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	0.53 J	0.26 J	0.30 J	0.25 J	1.7
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-18B		MW-18C		MW-21A		MW-21B		MW-21B		MW-21D
Field Sample ID:		BMW-018-032008		CMW-018-032008		AMW-021-032008		BMW-021-032008		BMW-221-032008		DMW-021-032008
Laboratory Sample ID:		748065		748066		747447		747440		747441		747448
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT
Sample Date:		4/7/2008		4/7/2008		4/4/2008		4/3/2008		4/3/2008		4/4/2008
Field QC		Original Sample		Original Sample		Original Sample		Original Sample		Field Duplicate		Original Sample
Analysis Information		I 1		I 1		I 1		DL 1.8 I 1		DL 2.0 I 1		DL 10.0 I 1
Volatile Organic Compounds	**Units**											
Bromoform	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Bromomethane	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Carbon Disulfide	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Carbon Tetrachloride	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Chlorobenzene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Chloroethane	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Chloroform	µg/l	1.0 U		4.4		1.0 U		1.0 U		1.0 U		1.0 U
Chloromethane	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U		0.53 J		0.26 J		0.30 J		0.25 J		1.2
cis-1,3-Dichloropropene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Dibromochloromethane	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Dibromomethane	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Dichlorodifluoromethane	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Ethylbenzene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Freon TF	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Hexachlorobutadiene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Isopropylbenzene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Methylene Chloride	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Naphthalene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
n-Butylbenzene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
n-Propylbenzene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
sec-Butylbenzene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Styrene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
tert-Butylbenzene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Tetrachloroethene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Toluene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		0.46 J
trans-1,3-Dichloropropene	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U
Trichloroethene	µg/l	1.0 U		17		65 J	(1.8x)	53	(2.0x)	52	(10x)	300
Trichlorofluoromethane	µg/l	1.0 U		1.0 U		1.0 U		1.0 U		1.0 U		1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-18B	MW-18C	MW-21A	MW-21B		MW-21B		MW-21D		
Field Sample ID:		BMW-018-032008	CMW-018-032008	AMW-021-032008	BMW-021-032008		BMW-221-032008		DMW-021-032008		
Laboratory Sample ID:		748065	748066	747447	747440		747441		747448		
Laboratory Name		TALVT	TALVT	TALVT	TALVT		TALVT		TALVT		
Sample Date:		4/7/2008	4/7/2008	4/4/2008	4/3/2008		4/3/2008		4/4/2008		
Field QC		Original Sample	Original Sample	Original Sample	Original Sample		Field Duplicate		Original Sample		
Analysis Information		I 1	I 1	I 1	DL 1.8	I 1	DL 2.0	I 1	DL 10.0	I 1	
Volatile Organic Compounds	**Units**										
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U		
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U		
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U		
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U		1.0 U		

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-24A	MW-24B	MW-31A	MW-31B	MW-32A	MW-32B
Field Sample ID:		AMW-024-032008	BMW-024-032008	AMW-031-032008	BMW-031-032008	AMW-032-032008	BMW-032-032008
Laboratory Sample ID:		748062	748061	748069	748067	744341	744344
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/7/2008	4/7/2008	4/8/2008	4/8/2008	3/21/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 33.9 I 5.5	DL 2.8 I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.2 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	7.4	0.24 J	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	28 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	28 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	28 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	28 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-24A	MW-24B	MW-31A	MW-31B	MW-32A	MW-32B
Field Sample ID:		AMW-024-032008	BMW-024-032008	AMW-031-032008	BMW-031-032008	AMW-032-032008	BMW-032-032008
Laboratory Sample ID:		748062	748061	748069	748067	744341	744344
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/7/2008	4/7/2008	4/8/2008	4/8/2008	3/21/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 33.9 I 5.5	DL 2.8 I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	7.4	0.24 J	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	(33.9x) 980	(2.8x) 99	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-24A	MW-24B	MW-31A	MW-31B	MW-32A	MW-32B
Field Sample ID:		AMW-024-032008	BMW-024-032008	AMW-031-032008	BMW-031-032008	AMW-032-032008	BMW-032-032008
Laboratory Sample ID:		748062	748061	748069	748067	744341	744344
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/7/2008	4/7/2008	4/8/2008	4/8/2008	3/21/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 33.9 I 5.5	DL 2.8 I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	5.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-32D	MW-35A	MW-35B	MW-35D	MW-38A	MW-38D
Field Sample ID:		DMW-032-032008	AMW-035-032008	BMW-035-032008	DMW-035-032008	AMW-038-032008	DMW-038-032008
Laboratory Sample ID:		744345	742709	742708	742710	743953	743954
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/21/2008	3/5/2008	3/5/2008	3/5/2008	3/19/2008	3/19/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-32D	MW-35A	MW-35B	MW-35D	MW-38A	MW-38D
Field Sample ID:		DMW-032-032008	AMW-035-032008	BMW-035-032008	DMW-035-032008	AMW-038-032008	DMW-038-032008
Laboratory Sample ID:		744345	742709	742708	742710	743953	743954
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/21/2008	3/5/2008	3/5/2008	3/5/2008	3/19/2008	3/19/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-32D	MW-35A	MW-35B	MW-35D	MW-38A	MW-38D
	Field Sample ID:	DMW-032-032008	AMW-035-032008	BMW-035-032008	DMW-035-032008	AMW-038-032008	DMW-038-032008
	Laboratory Sample ID:	744345	742709	742708	742710	743953	743954
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/21/2008	3/5/2008	3/5/2008	3/5/2008	3/19/2008	3/19/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-41A	MW-41B	MW-41D	MW-42A	MW-42A	MW-42B
Field Sample ID:		AMW-041-032008	BMW-041-032008	DMW-041-032008	AMW-042-032008	AMW-242-032008	BMW-042-032008
Laboratory Sample ID:		741979	741980	741981	744333	744334	744336
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/27/2008	2/27/2008	2/27/2008	3/20/2008	3/20/2008	3/20/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	0.30 J	0.28 J	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-41A	MW-41B	MW-41D	MW-42A	MW-42A	MW-42B
Field Sample ID:		AMW-041-032008	BMW-041-032008	DMW-041-032008	AMW-042-032008	AMW-242-032008	BMW-042-032008
Laboratory Sample ID:		741979	741980	741981	744333	744334	744336
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/27/2008	2/27/2008	2/27/2008	3/20/2008	3/20/2008	3/20/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	0.30 J	0.28 J	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	20 J	20 J	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-41A	MW-41B	MW-41D	MW-42A	MW-42A	MW-42B
	Field Sample ID:	AMW-041-032008	BMW-041-032008	DMW-041-032008	AMW-042-032008	AMW-242-032008	BMW-042-032008
	Laboratory Sample ID:	741979	741980	741981	744333	744334	744336
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/27/2008	2/27/2008	2/27/2008	3/20/2008	3/20/2008	3/20/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-42D	MW-44A	MW-44B	MW-44B	MW-44D	MW-46A
Field Sample ID:		DMW-042-032008	AMW-044-032008	BMW-044-032008	BMW-244-032008	DMW-044-032008	AMW-046-032008
Laboratory Sample ID:		744337	741987	741988	741989	741986	741984
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	2/27/2008	2/27/2008	2/27/2008	2/27/2008	2/27/2008
Field QC		Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample
Analysis Information		I 1	DL 9.4 I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	2.4	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-42D	MW-44A	MW-44B	MW-44B	MW-44D	MW-46A
Field Sample ID:		DMW-042-032008	AMW-044-032008	BMW-044-032008	BMW-244-032008	DMW-044-032008	AMW-046-032008
Laboratory Sample ID:		744337	741987	741988	741989	741986	741984
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	2/27/2008	2/27/2008	2/27/2008	2/27/2008	2/27/2008
Field QC		Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample
Analysis Information		I 1	DL 9.4 I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	0.28 J	0.81 J	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	2.4	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	3.0 J	(9.4x) 240	6.4	6.3	18	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-42D	MW-44A	MW-44B	MW-44B	MW-44D	MW-46A
	Field Sample ID:	DMW-042-032008	AMW-044-032008	BMW-044-032008	BMW-244-032008	DMW-044-032008	AMW-046-032008
	Laboratory Sample ID:	744337	741987	741988	741989	741986	741984
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/20/2008	2/27/2008	2/27/2008	2/27/2008	2/27/2008	2/27/2008
	Field QC	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample
	Analysis Information	I 1	DL 9.4 I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-46B	MW-46D	MW-54A	MW-54B	MW-55A	MW-55B
Field Sample ID:		BMW-046-032008	DMW-046-032008	AMW-054-032008	BMW-054-032008	AMW-055-032008	BMW-055-032008
Laboratory Sample ID:		741983	741985	746719	746718	746723	746721
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/27/2008	2/27/2008	4/2/2008	4/2/2008	4/2/2008	4/2/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-46B	MW-46D	MW-54A	MW-54B	MW-55A	MW-55B
Field Sample ID:		BMW-046-032008	DMW-046-032008	AMW-054-032008	BMW-054-032008	AMW-055-032008	BMW-055-032008
Laboratory Sample ID:		741983	741985	746719	746718	746723	746721
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/27/2008	2/27/2008	4/2/2008	4/2/2008	4/2/2008	4/2/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	0.21 J	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-46B	MW-46D	MW-54A	MW-54B	MW-55A	MW-55B
	Field Sample ID:	BMW-046-032008	DMW-046-032008	AMW-054-032008	BMW-054-032008	AMW-055-032008	BMW-055-032008
	Laboratory Sample ID:	741983	741985	746719	746718	746723	746721
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/27/2008	2/27/2008	4/2/2008	4/2/2008	4/2/2008	4/2/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-55B	MW-56A	MW-56B	MW-62A	MW-62B	MW-62B
Field Sample ID:		BMW-255-032008	AMW-056-032008	BMW-056-032008	AMW-062-032008	BMW-062-032008	BMW-262-032008
Laboratory Sample ID:		746722	746725	746724	741707	741708	741709
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/2/2008	4/2/2008	4/2/2008	2/26/2008	2/26/2008	2/26/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-55B	MW-56A	MW-56B	MW-62A	MW-62B	MW-62B
Field Sample ID:		BMW-255-032008	AMW-056-032008	BMW-056-032008	AMW-062-032008	BMW-062-032008	BMW-262-032008
Laboratory Sample ID:		746722	746725	746724	741707	741708	741709
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/2/2008	4/2/2008	4/2/2008	2/26/2008	2/26/2008	2/26/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	0.82 J	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells							
	Station ID:	MW-55B	MW-56A	MW-56B	MW-62A	MW-62B	MW-62B
	Field Sample ID:	BMW-255-032008	AMW-056-032008	BMW-056-032008	AMW-062-032008	BMW-062-032008	BMW-262-032008
	Laboratory Sample ID:	746722	746725	746724	741707	741708	741709
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	4/2/2008	4/2/2008	4/2/2008	2/26/2008	2/26/2008	2/26/2008
	Field QC	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-62D	MW-64B	MW-64B	MW-79A	MW-79A	MW-79B
Field Sample ID:		DMW-062-032008	BMW-064-032008	BMW-264-032008	AMW-079-032008	AMW-279-032008	BMW-079-032008
Laboratory Sample ID:		741706	748074	748075	741994	741995	741993
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/26/2008	4/8/2008	4/8/2008	2/28/2008	2/28/2008	2/28/2008
Field QC		Original Sample	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-62D	MW-64B	MW-64B	MW-79A	MW-79A	MW-79B
Field Sample ID:		DMW-062-032008	BMW-064-032008	BMW-264-032008	AMW-079-032008	AMW-279-032008	BMW-079-032008
Laboratory Sample ID:		741706	748074	748075	741994	741995	741993
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/26/2008	4/8/2008	4/8/2008	2/28/2008	2/28/2008	2/28/2008
Field QC		Original Sample	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.30 J
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-62D	MW-64B	MW-64B	MW-79A	MW-79A	MW-79B
	Field Sample ID:	DMW-062-032008	BMW-064-032008	BMW-264-032008	AMW-079-032008	AMW-279-032008	BMW-079-032008
	Laboratory Sample ID:	741706	748074	748075	741994	741995	741993
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/26/2008	4/8/2008	4/8/2008	2/28/2008	2/28/2008	2/28/2008
	Field QC	Original Sample	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-80A	MW-80A	MW-80B	MW-80D	MW-81A	MW-81B
Field Sample ID:		AMW-080-032008	AMW-280-032008	BMW-080-032008	DMW-080-032008	AMW-081-032008	BMW-081-032008
Laboratory Sample ID:		741998	741999	741996	741997	742004	742003
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/29/2008	2/29/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-80A	MW-80A	MW-80B	MW-80D	MW-81A	MW-81B
Field Sample ID:		AMW-080-032008	AMW-280-032008	BMW-080-032008	DMW-080-032008	AMW-081-032008	BMW-081-032008
Laboratory Sample ID:		741998	741999	741996	741997	742004	742003
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/29/2008	2/29/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	2.6	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-80A	MW-80A	MW-80B	MW-80D	MW-81A	MW-81B
	Field Sample ID:	AMW-080-032008	AMW-280-032008	BMW-080-032008	DMW-080-032008	AMW-081-032008	BMW-081-032008
	Laboratory Sample ID:	741998	741999	741996	741997	742004	742003
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/29/2008	2/29/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-81D	MW-87A	MW-87B	MW-87D	MW-88A	MW-88B
Field Sample ID:		DMW-081-032008	AMW-087-032008	BMW-087-032008	DMW-087-032008	AMW-088-032008	BMW-088-032008
Laboratory Sample ID:		742002	742712	742713	742711	742715	742716
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/29/2008	3/6/2008	3/6/2008	3/6/2008	3/6/2008	3/6/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-81D	MW-87A	MW-87B	MW-87D	MW-88A	MW-88B
Field Sample ID:		DMW-081-032008	AMW-087-032008	BMW-087-032008	DMW-087-032008	AMW-088-032008	BMW-088-032008
Laboratory Sample ID:		742002	742712	742713	742711	742715	742716
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/29/2008	3/6/2008	3/6/2008	3/6/2008	3/6/2008	3/6/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-81D	MW-87A	MW-87B	MW-87D	MW-88A	MW-88B
Field Sample ID:		DMW-081-032008	AMW-087-032008	BMW-087-032008	DMW-087-032008	AMW-088-032008	BMW-088-032008
Laboratory Sample ID:		742002	742712	742713	742711	742715	742716
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/29/2008	3/6/2008	3/6/2008	3/6/2008	3/6/2008	3/6/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-88B	MW-88D	MW-89A	MW-89B	MW-89D	MW-90A
Field Sample ID:		BMW-288-032008	DMW-088-032008	AMW-089-032008	BMW-089-032008	DMW-089-032008	AMW-090-032008
Laboratory Sample ID:		742717	742714	742006	742005	742007	742012
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/6/2008	3/6/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	DL 2.4 I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-88B	MW-88D	MW-89A	MW-89B	MW-89D		MW-90A
Field Sample ID:		BMW-288-032008	DMW-088-032008	AMW-089-032008	BMW-089-032008	DMW-089-032008		AMW-090-032008
Laboratory Sample ID:		742717	742714	742006	742005	742007		742012
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT		TALVT
Sample Date:		3/6/2008	3/6/2008	2/29/2008	2/29/2008	2/29/2008		2/29/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample		Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	DL 2.4	I 1
Volatile Organic Compounds	**Units**							
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ		1.0 UJ
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ		1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.9	1.0 U	(2.4x)	65
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-88B	MW-88D	MW-89A	MW-89B	MW-89D	MW-90A
Field Sample ID:		BMW-288-032008	DMW-088-032008	AMW-089-032008	BMW-089-032008	DMW-089-032008	AMW-090-032008
Laboratory Sample ID:		742717	742714	742006	742005	742007	742012
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/6/2008	3/6/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	DL 2.4 I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-90B	MW-90D	MW-91A	MW-91B	MW-91D	MW-92A
Field Sample ID:		BMW-090-032008	DMW-090-032008	AMW-091-032008	BMW-091-032008	DMW-091-032008	AMW-092-032008
Laboratory Sample ID:		742011	742013	742009	742008	742010	742001
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/28/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 8.5 I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	0.59 J	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:			MW-90B	MW-90D	MW-91A	MW-91B	MW-91D	MW-92A
Field Sample ID:			BMW-090-032008	DMW-090-032008	AMW-091-032008	BMW-091-032008	DMW-091-032008	AMW-092-032008
Laboratory Sample ID:			742011	742013	742009	742008	742010	742001
Laboratory Name			TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:			2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/28/2008
Field QC			Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information			DL 8.5 I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
Bromoform	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l		1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon Disulfide	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l		1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l		1.0 U	0.59 J	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	(8.5x)	230	35	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-90B	MW-90D	MW-91A	MW-91B	MW-91D	MW-92A
Field Sample ID:		BMW-090-032008	DMW-090-032008	AMW-091-032008	BMW-091-032008	DMW-091-032008	AMW-092-032008
Laboratory Sample ID:		742011	742013	742009	742008	742010	742001
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/29/2008	2/28/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 8.5 I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-92B	MW-93A	MW-93B	MW-101A	MW-101B	MW-101D
Field Sample ID:		BMW-092-032008	AMW-093-032008	BMW-093-032008	AMW-0101-032008	BMW-0101-032008	DMW-0101-032008
Laboratory Sample ID:		742000	742707	742705	741991	741992	741990
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/28/2008	3/5/2008	3/5/2008	2/28/2008	2/28/2008	2/28/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-92B	MW-93A	MW-93B	MW-101A	MW-101B	MW-101D
Field Sample ID:		BMW-092-032008	AMW-093-032008	BMW-093-032008	AMW-0101-032008	BMW-0101-032008	DMW-0101-032008
Laboratory Sample ID:		742000	742707	742705	741991	741992	741990
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/28/2008	3/5/2008	3/5/2008	2/28/2008	2/28/2008	2/28/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells							
	Station ID:	MW-92B	MW-93A	MW-93B	MW-101A	MW-101B	MW-101D
	Field Sample ID:	BMW-092-032008	AMW-093-032008	BMW-093-032008	AMW-0101-032008	BMW-0101-032008	DMW-0101-032008
	Laboratory Sample ID:	742000	742707	742705	741991	741992	741990
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/28/2008	3/5/2008	3/5/2008	2/28/2008	2/28/2008	2/28/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-102A	MW-102B	MW-102D	MW-103A	MW-103B	MW-103D
Field Sample ID:		AMW-0102-032008	BMW-0102-032008	DMW-0102-032008	AMW-0103-032008	BMW-0103-032008	DMW-0103-032008
Laboratory Sample ID:		741698	741696	741699	741701	741702	741700
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/25/2008	2/25/2008	2/25/2008	2/26/2008	2/26/2008	2/26/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-102A	MW-102B	MW-102D	MW-103A	MW-103B	MW-103D
Field Sample ID:		AMW-0102-032008	BMW-0102-032008	DMW-0102-032008	AMW-0103-032008	BMW-0103-032008	DMW-0103-032008
Laboratory Sample ID:		741698	741696	741699	741701	741702	741700
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/25/2008	2/25/2008	2/25/2008	2/26/2008	2/26/2008	2/26/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells							
	Station ID:	MW-102A	MW-102B	MW-102D	MW-103A	MW-103B	MW-103D
	Field Sample ID:	AMW-0102-032008	BMW-0102-032008	DMW-0102-032008	AMW-0103-032008	BMW-0103-032008	DMW-0103-032008
	Laboratory Sample ID:	741698	741696	741699	741701	741702	741700
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/25/2008	2/25/2008	2/25/2008	2/26/2008	2/26/2008	2/26/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-106A	MW-106B	MW-106D	MW-107A	MW-107B	MW-107D
Field Sample ID:		AMW-0106-032008	BMW-0106-032008	DMW-0106-032008	AMW-0107-032008	BMW-0107-032008	DMW-0107-032008
Laboratory Sample ID:		743112	743111	743113	743114	743116	743115
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/10/2008	3/10/2008	3/10/2008	3/11/2008	3/11/2008	3/11/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-106A	MW-106B	MW-106D	MW-107A	MW-107B	MW-107D
Field Sample ID:		AMW-0106-032008	BMW-0106-032008	DMW-0106-032008	AMW-0107-032008	BMW-0107-032008	DMW-0107-032008
Laboratory Sample ID:		743112	743111	743113	743114	743116	743115
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/10/2008	3/10/2008	3/10/2008	3/11/2008	3/11/2008	3/11/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells							
	Station ID:	MW-106A	MW-106B	MW-106D	MW-107A	MW-107B	MW-107D
	Field Sample ID:	AMW-0106-032008	BMW-0106-032008	DMW-0106-032008	AMW-0107-032008	BMW-0107-032008	DMW-0107-032008
	Laboratory Sample ID:	743112	743111	743113	743114	743116	743115
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/10/2008	3/10/2008	3/10/2008	3/11/2008	3/11/2008	3/11/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-108A	MW-108B	MW-108D	MW-110A	MW-110B	MW-110D
Field Sample ID:		AMW-0108-032008	BMW-0108-032008	DMW-0108-032008	AMW-0110-032008	BMW-0110-032008	DMW-0110-032008
Laboratory Sample ID:		743108	743109	743110	743117	743118	743119
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/10/2008	3/10/2008	3/10/2008	3/11/2008	3/11/2008	3/11/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-108A	MW-108B	MW-108D	MW-110A	MW-110B	MW-110D
Field Sample ID:		AMW-0108-032008	BMW-0108-032008	DMW-0108-032008	AMW-0110-032008	BMW-0110-032008	DMW-0110-032008
Laboratory Sample ID:		743108	743109	743110	743117	743118	743119
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/10/2008	3/10/2008	3/10/2008	3/11/2008	3/11/2008	3/11/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells							
	Station ID:	MW-108A	MW-108B	MW-108D	MW-110A	MW-110B	MW-110D
	Field Sample ID:	AMW-0108-032008	BMW-0108-032008	DMW-0108-032008	AMW-0110-032008	BMW-0110-032008	DMW-0110-032008
	Laboratory Sample ID:	743108	743109	743110	743117	743118	743119
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/10/2008	3/10/2008	3/10/2008	3/11/2008	3/11/2008	3/11/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-112A	MW-112B	MW-112B	MW-113A	MW-113B	MW-113D
Field Sample ID:		AMW-0112-032008	BMW-0112-032008	BMW-2112-032008	AMW-0113-032008	BMW-0113-032008	DMW-0113-032008
Laboratory Sample ID:		746709	746707	746708	746714	746710	746713
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
Field QC		Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-112A	MW-112B	MW-112B	MW-113A	MW-113B	MW-113D
Field Sample ID:		AMW-0112-032008	BMW-0112-032008	BMW-2112-032008	AMW-0113-032008	BMW-0113-032008	DMW-0113-032008
Laboratory Sample ID:		746709	746707	746708	746714	746710	746713
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
Field QC		Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-112A	MW-112B	MW-112B	MW-113A	MW-113B	MW-113D
	Field Sample ID:	AMW-0112-032008	BMW-0112-032008	BMW-2112-032008	AMW-0113-032008	BMW-0113-032008	DMW-0113-032008
	Laboratory Sample ID:	746709	746707	746708	746714	746710	746713
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
	Field QC	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-114A	MW-114B	MW-114B	MW-114D	MW-115A	MW-115B
Field Sample ID:		AMW-0114-032008	BMW-0114-032008	BMW-2114-032008	DMW-0114-032008	AMW-0115-032008	BMW-0115-032008
Laboratory Sample ID:		742728	742729	742730	742731	742725	742726
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/7/2008	3/7/2008	3/7/2008	3/7/2008	3/7/2008	3/7/2008
Field QC		Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-114A	MW-114B	MW-114B	MW-114D	MW-115A	MW-115B
Field Sample ID:		AMW-0114-032008	BMW-0114-032008	BMW-2114-032008	DMW-0114-032008	AMW-0115-032008	BMW-0115-032008
Laboratory Sample ID:		742728	742729	742730	742731	742725	742726
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/7/2008	3/7/2008	3/7/2008	3/7/2008	3/7/2008	3/7/2008
Field QC		Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-114A	MW-114B	MW-114B	MW-114D	MW-115A	MW-115B
	Field Sample ID:	AMW-0114-032008	BMW-0114-032008	BMW-2114-032008	DMW-0114-032008	AMW-0115-032008	BMW-0115-032008
	Laboratory Sample ID:	742728	742729	742730	742731	742725	742726
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/7/2008	3/7/2008	3/7/2008	3/7/2008	3/7/2008	3/7/2008
	Field QC	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-115B	MW-115D	MW-116A	MW-116B	MW-116D
Field Sample ID:		BMW-2115-032008	DMW-0115-032008	AMW-0116-032008	BMW-0116-032008	DMW-0116-032008
Laboratory Sample ID:		742727	742724	743951	742723	742722
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/7/2008	3/7/2008	3/19/2008	3/7/2008	3/7/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**					
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-115B	MW-115D	MW-116A	MW-116B	MW-116D
	Field Sample ID:	BMW-2115-032008	DMW-0115-032008	AMW-0116-032008	BMW-0116-032008	DMW-0116-032008
	Laboratory Sample ID:	742727	742724	743951	742723	742722
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/7/2008	3/7/2008	3/19/2008	3/7/2008	3/7/2008
	Field QC	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**					
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells						
	Station ID:	MW-115B	MW-115D	MW-116A	MW-116B	MW-116D
	Field Sample ID:	BMW-2115-032008	DMW-0115-032008	AMW-0116-032008	BMW-0116-032008	DMW-0116-032008
	Laboratory Sample ID:	742727	742724	743951	742723	742722
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/7/2008	3/7/2008	3/19/2008	3/7/2008	3/7/2008
	Field QC	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**					
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis

DL = Diluted analysis

"1" = Dilution factor

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-03A		MW-03B		MW-06A		MW-06B		MW-08A		MW-08B	
Field Sample ID:		AMW-003-032008		BMW-003-032008		AMW-006-032008		BMW-006-032008		AMW-008-032008		BMW-008-032008	
Laboratory Sample ID:		747450		747449		747454		747453		747444		747445	
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
Sample Date:		4/4/2008		4/4/2008		4/4/2008		4/4/2008		4/4/2008		4/4/2008	
Field QC		Original Sample		Original Sample		Original Sample		Original Sample		Original Sample		Original Sample	
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1	
Explosives	**Units**												
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.16	J	0.25	U	0.027	J	0.25	U	0.052	J
2-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	0.25	U	0.18	J	0.25	U	0.099	J	0.25	U	0.093	J
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
HMX	µg/l	0.29		0.74		0.25	U	0.25	U	0.25	U	0.16	J
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	2.6		4.7		0.25	U	0.25	U	0.25	U	1.1	
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-10A	MW-10B	MW-10B	MW-18A	MW-18B	MW-18C
Field Sample ID:		AMW-010-032008	BMW-010-032008	BMW-210-032008	AMW-018-032008	BMW-018-032008	CMW-018-032008
Laboratory Sample ID:		748058	748056	748057	748064	748065	748066
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
Field QC		Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.19 J	0.18 J	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.12 J	0.13 J	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.15 J	0.42	0.44	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.69
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	5.7
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-21A	MW-21B	MW-21B	MW-21D	MW-24A	MW-24B
Field Sample ID:		AMW-021-032008	BMW-021-032008	BMW-221-032008	DMW-021-032008	AMW-024-032008	BMW-024-032008
Laboratory Sample ID:		747447	747440	747441	747448	748062	748061
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/4/2008	4/3/2008	4/3/2008	4/4/2008	4/7/2008	4/7/2008
Field QC		Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 J	0.27 J	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	2.8 J	2.8 J	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.043 J	0.048 J	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.093 J	0.10 J	0.25 U	0.25 U	0.034 J
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.24 J	0.23 J	0.25 U	0.25 U	0.036 J
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.14 J	0.13 J	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	11	12	0.25 U	0.25 U	2.4
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	1.4	1.4	0.25 U	0.25 U	0.082 J
Nitrobenzene	µg/l	0.25 U	0.094 J	0.10 J	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	11	10	0.25 U	0.25 U	1.4
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-25A	MW-25B	MW-28A	MW-28B	MW-28D	MW-29A
Field Sample ID:		AMW-025-032008	BMW-025-032008	AMW-028-032008	BMW-028-032008	DMW-028-032008	AMW-029-032008
Laboratory Sample ID:		747452	747451	748070	748071	748072	743941
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/4/2008	4/4/2008	4/8/2008	4/8/2008	4/8/2008	3/18/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 J
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	1.9	0.25 U	3.7
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-29A	MW-29B	MW-31A	MW-31B	MW-31B	MW-32A
	Field Sample ID:	AMW-229-032008	BMW-029-032008	AMW-031-032008	BMW-031-032008	BMW-231-032008	AMW-032-032008
	Laboratory Sample ID:	743942	743943	748069	748067	748068	744341
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/18/2008	3/18/2008	4/8/2008	4/8/2008	4/8/2008	3/21/2008
	Field QC	Field Duplicate	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.14 J
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.26 J	0.25 U	0.25 U	0.25 U	0.25 U	1.0 J
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	3.7	0.25 U	0.25 U	0.43	0.49	6.8
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-32B		MW-32D		MW-34A		MW-34B		MW-34D		MW-35A	
Field Sample ID:		BMW-032-032008		DMW-032-032008		AMW-034-032008		BMW-034-032008		DMW-034-032008		AMW-035-032008	
Laboratory Sample ID:		744344		744345		744340		744338		744339		742709	
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
Sample Date:		3/21/2008		3/21/2008		3/20/2008		3/20/2008		3/20/2008		3/5/2008	
Field QC		Original Sample		Original Sample		Original Sample		Original Sample		Original Sample		Original Sample	
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1	
Explosives	**Units**												
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	0.040	J	0.048	J	0.086	J	0.077	J	0.25	U	0.25	U
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
HMX	µg/l	0.19	J	0.66	J	0.25	UJ	0.25	UJ	0.25	UJ	0.25	UJ
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	5.5		5.4		0.43		0.91		0.25	U	0.20	J
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-35B		MW-35D		MW-38A		MW-38D		MW-42A		MW-42A	
Field Sample ID:		BMW-035-032008		DMW-035-032008		AMW-038-032008		DMW-038-032008		AMW-042-032008		AMW-242-032008	
Laboratory Sample ID:		742708		742710		743953		743954		744333		744334	
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
Sample Date:		3/5/2008		3/5/2008		3/19/2008		3/19/2008		3/20/2008		3/20/2008	
Field QC		Original Sample		Original Sample		Original Sample		Original Sample		Original Sample		Field Duplicate	
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1	
Explosives	**Units**												
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.084	J	0.088	J
2-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.098	J	0.099	J
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
HMX	µg/l	0.25	UJ	0.25	UJ	0.25	U	0.25	U	0.36	J	0.35	J
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	0.23	J	0.25	U	0.25	U	0.25	U	4.5		4.3	
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-42B		MW-42D		MW-44A		MW-44B		MW-44B		MW-44D	
Field Sample ID:		BMW-042-032008		DMW-042-032008		AMW-044-032008		BMW-044-032008		BMW-244-032008		DMW-044-032008	
Laboratory Sample ID:		744336		744337		741987		741988		741989		741986	
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
Sample Date:		3/20/2008		3/20/2008		2/27/2008		2/27/2008		2/27/2008		2/27/2008	
Field QC		Original Sample		Original Sample		Original Sample		Original Sample		Field Duplicate		Original Sample	
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1	
Explosives	**Units**												
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.051	J	0.25	U	0.25	U	0.25	U	0.25	U
2-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	0.25	U	0.11	J	0.25	U	0.25	UJ	0.25	UJ	0.25	U
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
HMX	µg/l	0.068	J	0.31	J	0.25	U	0.25	U	0.25	U	0.25	U
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	1.2		4.2		0.25	U	0.25	U	0.25	U	0.25	U
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-46A	MW-46B	MW-46D	MW-54A	MW-54B	MW-55A
Field Sample ID:		AMW-046-032008	BMW-046-032008	DMW-046-032008	AMW-054-032008	BMW-054-032008	AMW-055-032008
Laboratory Sample ID:		741984	741983	741985	746719	746718	746723
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/27/2008	2/27/2008	2/27/2008	4/2/2008	4/2/2008	4/2/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.037 J
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.10 J	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	1.4	0.25 U	0.53
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-55B		MW-55B		MW-56A		MW-56B		MW-62A		MW-62B	
Field Sample ID:		BMW-055-032008		BMW-255-032008		AMW-056-032008		BMW-056-032008		AMW-062-032008		BMW-062-032008	
Laboratory Sample ID:		746721		746722		746725		746724		741707		741708	
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
Sample Date:		4/2/2008		4/2/2008		4/2/2008		4/2/2008		2/26/2008		2/26/2008	
Field QC		Original Sample		Field Duplicate		Original Sample		Original Sample		Original Sample		Original Sample	
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1	
Explosives	**Units**												
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.28	J	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2-Amino-4,6-dinitrotoluene	µg/l	0.027	J	0.026	J	0.25	U	0.25	U	0.023	J	0.25	U
2-Nitrotoluene	µg/l	0.33	J	0.32	J	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
HMX	µg/l	0.25	U	0.25	U	0.074	J	0.25	U	0.25	U	0.25	U
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	0.66		0.73		1.1		0.25	U	0.25	U	0.25	U
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-62B	MW-62D	MW-64B	MW-64B	MW-82A	MW-82B
Field Sample ID:		BMW-262-032008	DMW-062-032008	BMW-064-032008	BMW-264-032008	AMW-082-032008	BMW-082-032008
Laboratory Sample ID:		741709	741706	748074	748075	743949	743950
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/26/2008	2/26/2008	4/8/2008	4/8/2008	3/19/2008	3/19/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.036 J	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-82D	MW-83A	MW-83B	MW-83D	MW-85A	MW-85B
Field Sample ID:		DMW-082-032008	AMW-083-032008	BMW-083-032008	DMW-083-032008	AMW-085-032008	BMW-085-032008
Laboratory Sample ID:		743947	743946	743944	743945	743939	743948
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/18/2008	3/18/2008	3/18/2008	3/18/2008	3/18/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.026 J
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.16 J
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	1.1	0.22 J	0.25 U	1.0	1.3
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-85B	MW-85D	MW-86A	MW-86B	MW-86D	MW-87A
Field Sample ID:		BMW-285-032008	DMW-085-032008	AMW-086-032008	BMW-086-032008	DMW-086-032008	AMW-087-032008
Laboratory Sample ID:		743938	743940	742719	742720	742718	742712
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/18/2008	3/18/2008	3/6/2008	3/6/2008	3/6/2008	3/6/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.17 J	0.25 U	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	1.3	0.25 U	0.68	0.25 U	1.4	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-87B		MW-87D		MW-88A		MW-88B		MW-88B		MW-88D
Field Sample ID:		BMW-087-032008		DMW-087-032008		AMW-088-032008		BMW-088-032008		BMW-288-032008		DMW-088-032008
Laboratory Sample ID:		742713		742711		742715		742716		742717		742714
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT
Sample Date:		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008
Field QC		Original Sample		Original Sample		Original Sample		Original Sample		Field Duplicate		Original Sample
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1
Explosives	**Units**											
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.026	J
2-Nitrotoluene	µg/l	0.068	J	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
HMX	µg/l	0.25	UJ	0.25	UJ	0.25	UJ	0.25	UJ	0.25	UJ	0.25	UJ
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	0.28		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-90A	MW-90B	MW-90D	MW-94A	MW-94B	MW-94B
Field Sample ID:		AMW-090-032008	BMW-090-032008	DMW-090-032008	AMW-094-032008	BMW-094-032008	BMW-294-032008
Laboratory Sample ID:		742012	742011	742013	743444	743446	743445
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/29/2008	2/29/2008	2/29/2008	3/14/2008	3/14/2008	3/14/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.061 J	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	1.8 J	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.18 J	0.25 UJ	0.25 UJ	0.25 UJ
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.21 J	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 UJ	0.25 UJ
Nitrobenzene	µg/l	0.25 U	0.25 U	0.62 J	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.50 J	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-94D	MW-95A	MW-95B	MW-95D	MW-97A	MW-97B
Field Sample ID:		DMW-094-032008	AMW-095-032008	BMW-095-032008	DMW-095-032008	AMW-097-032008	BMW-097-032008
Laboratory Sample ID:		743443	743439	743438	743437	743441	743442
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/14/2008	3/13/2008	3/13/2008	3/13/2008	3/13/2008	3/13/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.091 J	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-97D	MW-99A	MW-99B	MW-99D	MW-106A	MW-106B
Field Sample ID:		DMW-097-032008	AMW-099-032008	BMW-099-032008	DMW-099-032008	AMW-0106-032008	BMW-0106-032008
Laboratory Sample ID:		743440	741704	741703	741705	743112	743111
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/13/2008	2/26/2008	2/26/2008	2/26/2008	3/10/2008	3/10/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 UJ
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.088 J	0.12 J	0.15 J	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 UJ	0.12 J	0.13 J	0.15 J	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	2.4	3.8	3.9	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-106D	MW-107A	MW-107B	MW-107D	MW-108A	MW-108B
Field Sample ID:		DMW-0106-032008	AMW-0107-032008	BMW-0107-032008	DMW-0107-032008	AMW-0108-032008	BMW-0108-032008
Laboratory Sample ID:		743113	743114	743116	743115	743108	743109
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/10/2008	3/11/2008	3/11/2008	3/11/2008	3/10/2008	3/10/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-108D	MW-110A	MW-110B	MW-110D	MW-112A	MW-112B
Field Sample ID:		DMW-0108-032008	AMW-0110-032008	BMW-0110-032008	DMW-0110-032008	AMW-0112-032008	BMW-0112-032008
Laboratory Sample ID:		743110	743117	743118	743119	746709	746707
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/10/2008	3/11/2008	3/11/2008	3/11/2008	4/1/2008	4/1/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.044 J	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-112B	MW-113A	MW-113B	MW-113D	MW-114A	MW-114B
Field Sample ID:		BMW-2112-032008	AMW-0113-032008	BMW-0113-032008	DMW-0113-032008	AMW-0114-032008	BMW-0114-032008
Laboratory Sample ID:		746708	746714	746710	746713	742728	742729
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/1/2008	4/1/2008	4/1/2008	4/1/2008	3/7/2008	3/7/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-114B		MW-114D		MW-115A		MW-115B		MW-115B		MW-115D	
Field Sample ID:		BMW-2114-032008		DMW-0114-032008		AMW-0115-032008		BMW-0115-032008		BMW-2115-032008		DMW-0115-032008	
Laboratory Sample ID:		742730		742731		742725		742726		742727		742724	
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
Sample Date:		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
Field QC		Field Duplicate		Original Sample		Original Sample		Original Sample		Field Duplicate		Original Sample	
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1	
Explosives	**Units**												
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.038	J	0.25	U	0.25	U	0.25	U	0.039	J
2-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
HMX	µg/l	0.25	U	0.25	U	0.25	U	0.25	UJ	0.25	U	0.25	U
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells				
	Station ID:	MW-116A	MW-116B	MW-116D
	Field Sample ID:	AMW-0116-032008	BMW-0116-032008	DMW-0116-032008
	Laboratory Sample ID:	742721	742723	742722
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	3/7/2008	3/7/2008	3/7/2008
	Field QC	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1
Explosives	**Units**			
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 UJ	0.25 UJ	0.25 UJ
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

TALVT = TestAmerica, Vermont

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

DL = Diluted analysis

"1" = Dilution factor

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-03A		MW-09A		MW-09B		MW-09D		MW-10B		MW-18A	
Field Sample ID:		AMW-003-032008		AMW-009-032008		BMW-009-032008		DMW-009-032008		BMW-210-032008		AMW-018-032008	
Laboratory Sample ID:		747450		746715		746716		746717		748057		748064	
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
Sample Date:		4/4/2008		4/1/2008		4/1/2008		4/1/2008		4/7/2008		4/7/2008	
Field QC		Original Sample		Original Sample		Original Sample		Original Sample		Field Duplicate		Original Sample	
Analysis Information		I 1		DL 63.8	I 5.7	DL 3.2	I 1	DL 40	I 3.4	I 1		I 1	
Volatile Organic Compounds	**Units**												
1,2,3-Trichlorobenzene	µg/l									0.41 J			
1,2,4-Trichlorobenzene	µg/l									0.38 J			
1,2-Dichloroethene (total)	µg/l			5.9		0.66 J		3.4 J					
Chloroform	µg/l					0.84 J							
cis-1,2-Dichloroethene	µg/l			5.9		0.66 J		3.4 J					
Hexachlorobutadiene	µg/l									0.41 J			
trans-1,2-Dichloroethene	µg/l												
Trichloroethene	µg/l	0.27 J	(63.8x)	2000	(3.2x)	83	(40x)	1200				0.55 J	

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-18C	MW-21A		MW-21B		MW-21B		MW-21D		MW-24A		
Field Sample ID:		CMW-018-032008	AMW-021-032008		BMW-021-032008		BMW-221-032008		DMW-021-032008		AMW-024-032008		
Laboratory Sample ID:		748066	747447		747440		747441		747448		748062		
Laboratory Name		TALVT	TALVT		TALVT		TALVT		TALVT		TALVT		
Sample Date:		4/7/2008	4/4/2008		4/3/2008		4/3/2008		4/4/2008		4/7/2008		
Field QC		Original Sample	Original Sample		Original Sample		Field Duplicate		Original Sample		Original Sample		
Analysis Information		I 1	I 1		DL 1.8	I 1	DL 2.0	I 1	DL 10.0	I 1	DL 33.9	I 5.5	
Volatile Organic Compounds	**Units**												
1,2,3-Trichlorobenzene	µg/l												
1,2,4-Trichlorobenzene	µg/l											1.2 J	
1,2-Dichloroethene (total)	µg/l	0.53 J	0.26 J		0.30 J		0.25 J		1.7		7.4		
Chloroform	µg/l	4.4											
cis-1,2-Dichloroethene	µg/l	0.53 J	0.26 J		0.30 J		0.25 J		1.2		7.4		
Hexachlorobutadiene	µg/l												
trans-1,2-Dichloroethene	µg/l								0.46 J				
Trichloroethene	µg/l	17	65 J	(1.8x)	53	(2.0x)	52	(10x)	300	(33.9x)	980		

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:			MW-24B	MW-42A	MW-42A	MW-42D		MW-44A		MW-44B
Field Sample ID:			BMW-024-032008	AMW-042-032008	AMW-242-032008	DMW-042-032008		AMW-044-032008		BMW-044-032008
Laboratory Sample ID:			748061	744333	744334	744337		741987		741988
Laboratory Name			TALVT	TALVT	TALVT	TALVT		TALVT		TALVT
Sample Date:			4/7/2008	3/20/2008	3/20/2008	3/20/2008		2/27/2008		2/27/2008
Field QC			Original Sample	Original Sample	Field Duplicate	Original Sample		Original Sample		Original Sample
Analysis Information		DL 2.8	I 1	I 1	I 1	I 1	DL 9.4		I 1	I 1
Volatile Organic Compounds	**Units**									
1,2,3-Trichlorobenzene	µg/l									
1,2,4-Trichlorobenzene	µg/l									
1,2-Dichloroethene (total)	µg/l		0.24 J	0.30 J	0.28 J			2.4		
Chloroform	µg/l					0.28 J		0.81 J		
cis-1,2-Dichloroethene	µg/l		0.24 J	0.30 J	0.28 J			2.4		
Hexachlorobutadiene	µg/l									
trans-1,2-Dichloroethene	µg/l									
Trichloroethene	µg/l	(2.8x)	99	20 J	20 J	3.0 J	(9.4x)	240		6.4

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells							
	Station ID:	MW-44B	MW-44D	MW-54A	MW-56B	MW-79B	MW-80B
	Field Sample ID:	BMW-244-032008	DMW-044-032008	AMW-054-032008	BMW-056-032008	BMW-079-032008	BMW-080-032008
	Laboratory Sample ID:	741989	741986	746719	746724	741993	741996
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/27/2008	2/27/2008	4/2/2008	4/2/2008	2/28/2008	2/28/2008
	Field QC	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,2,3-Trichlorobenzene	µg/l						
1,2,4-Trichlorobenzene	µg/l						
1,2-Dichloroethene (total)	µg/l						
Chloroform	µg/l						
cis-1,2-Dichloroethene	µg/l						
Hexachlorobutadiene	µg/l						
trans-1,2-Dichloroethene	µg/l						
Trichloroethene	µg/l	6.3	18	0.21 J	0.82 J	0.30 J	2.6

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-89B		MW-90A		MW-90B		MW-90D	
Field Sample ID:		BMW-089-032008		AMW-090-032008		BMW-090-032008		DMW-090-032008	
Laboratory Sample ID:		742005		742012		742011		742013	
Laboratory Name		TALVT		TALVT		TALVT		TALVT	
Sample Date:		2/29/2008		2/29/2008		2/29/2008		2/29/2008	
Field QC		Original Sample		Original Sample		Original Sample		Original Sample	
Analysis Information		I 1		DL 2.4 I 1		DL 8.5 I 1		I 1	
Volatile Organic Compounds	**Units**								
1,2,3-Trichlorobenzene	µg/l								
1,2,4-Trichlorobenzene	µg/l								
1,2-Dichloroethene (total)	µg/l							0.59 J	
Chloroform	µg/l								
cis-1,2-Dichloroethene	µg/l							0.59 J	
Hexachlorobutadiene	µg/l								
trans-1,2-Dichloroethene	µg/l								
Trichloroethene	µg/l	1.9	(2.4x)	65	(8.5x)	230		35	

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-03A	MW-03B	MW-06B	MW-08B	MW-10A	MW-10B
	Field Sample ID:	AMW-003-032008	BMW-003-032008	BMW-006-032008	BMW-008-032008	AMW-010-032008	BMW-010-032008
	Laboratory Sample ID:	747450	747449	747453	747445	748058	748056
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	4/4/2008	4/4/2008	4/4/2008	4/4/2008	4/7/2008	4/7/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l						
1,3-Dinitrobenzene	µg/l						
2,4,6-Trinitrotoluene	µg/l						0.19 J
2,4-Dinitrotoluene	µg/l						
2,6-Dinitrotoluene	µg/l						
2-Amino-4,6-dinitrotoluene	µg/l		0.16 J	0.027 J	0.052 J		0.12 J
2-Nitrotoluene	µg/l						
3-Nitrotoluene	µg/l						
4-Amino-2,6-dinitrotoluene	µg/l		0.18 J	0.099 J	0.093 J	0.15 J	0.42
4-Nitrotoluene	µg/l						
HMX	µg/l	0.29	0.74		0.16 J		
Nitrobenzene	µg/l						
RDX	µg/l	2.6	4.7		1.1		
Tetryl	µg/l						

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-10B	MW-18C	MW-21B	MW-21B	MW-24B	MW-28B
	Field Sample ID:	BMW-210-032008	CMW-018-032008	BMW-021-032008	BMW-221-032008	BMW-024-032008	BMW-028-032008
	Laboratory Sample ID:	748057	748066	747440	747441	748061	748071
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	4/7/2008	4/7/2008	4/3/2008	4/3/2008	4/7/2008	4/8/2008
	Field QC	Field Duplicate	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l			0.25 J	0.27 J		
1,3-Dinitrobenzene	µg/l			2.8 J	2.8 J		
2,4,6-Trinitrotoluene	µg/l	0.18 J					
2,4-Dinitrotoluene	µg/l			0.043 J	0.048 J		
2,6-Dinitrotoluene	µg/l			0.093 J	0.10 J	0.034 J	
2-Amino-4,6-dinitrotoluene	µg/l	0.13 J		0.24 J	0.23 J	0.036 J	
2-Nitrotoluene	µg/l						
3-Nitrotoluene	µg/l			0.14 J	0.13 J		
4-Amino-2,6-dinitrotoluene	µg/l	0.44		11	12	2.4	
4-Nitrotoluene	µg/l						
HMX	µg/l		0.69	1.4	1.4	0.082 J	
Nitrobenzene	µg/l			0.094 J	0.10 J		
RDX	µg/l		5.7	11	10	1.4	1.9
Tetryl	µg/l						

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-29A	MW-29A	MW-31B	MW-31B	MW-32A	MW-32B
	Field Sample ID:	AMW-029-032008	AMW-229-032008	BMW-031-032008	BMW-231-032008	AMW-032-032008	BMW-032-032008
	Laboratory Sample ID:	743941	743942	748067	748068	744341	744344
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/18/2008	3/18/2008	4/8/2008	4/8/2008	3/21/2008	3/21/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l						
1,3-Dinitrobenzene	µg/l						
2,4,6-Trinitrotoluene	µg/l						
2,4-Dinitrotoluene	µg/l						
2,6-Dinitrotoluene	µg/l						
2-Amino-4,6-dinitrotoluene	µg/l						
2-Nitrotoluene	µg/l						
3-Nitrotoluene	µg/l						
4-Amino-2,6-dinitrotoluene	µg/l					0.14 J	0.040 J
4-Nitrotoluene	µg/l						
HMX	µg/l	0.25 J	0.26 J			1.0 J	0.19 J
Nitrobenzene	µg/l						
RDX	µg/l	3.7	3.7	0.43	0.49	6.8	5.5
Tetryl	µg/l						

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-32D	MW-34A	MW-34B	MW-35A	MW-35B	MW-42A
	Field Sample ID:	DMW-032-032008	AMW-034-032008	BMW-034-032008	AMW-035-032008	BMW-035-032008	AMW-042-032008
	Laboratory Sample ID:	744345	744340	744338	742709	742708	744333
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/21/2008	3/20/2008	3/20/2008	3/5/2008	3/5/2008	3/20/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l						
1,3-Dinitrobenzene	µg/l						
2,4,6-Trinitrotoluene	µg/l						
2,4-Dinitrotoluene	µg/l						
2,6-Dinitrotoluene	µg/l						
2-Amino-4,6-dinitrotoluene	µg/l						0.084 J
2-Nitrotoluene	µg/l						
3-Nitrotoluene	µg/l						
4-Amino-2,6-dinitrotoluene	µg/l	0.048 J	0.086 J	0.077 J			0.098 J
4-Nitrotoluene	µg/l						
HMX	µg/l	0.66 J					0.36 J
Nitrobenzene	µg/l						
RDX	µg/l	5.4	0.43	0.91	0.20 J	0.23 J	4.5
Tetryl	µg/l						

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-42A	MW-42B	MW-42D	MW-54A	MW-55A	MW-55B
	Field Sample ID:	AMW-242-032008	BMW-042-032008	DMW-042-032008	AMW-054-032008	AMW-055-032008	BMW-055-032008
	Laboratory Sample ID:	744334	744336	744337	746719	746723	746721
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/20/2008	3/20/2008	3/20/2008	4/2/2008	4/2/2008	4/2/2008
	Field QC	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l						
1,3-Dinitrobenzene	µg/l						
2,4,6-Trinitrotoluene	µg/l						
2,4-Dinitrotoluene	µg/l						
2,6-Dinitrotoluene	µg/l						
2-Amino-4,6-dinitrotoluene	µg/l	0.088 J		0.051 J		0.037 J	0.027 J
2-Nitrotoluene	µg/l						0.33 J
3-Nitrotoluene	µg/l						
4-Amino-2,6-dinitrotoluene	µg/l	0.099 J		0.11 J			
4-Nitrotoluene	µg/l						
HMX	µg/l	0.35 J	0.068 J	0.31 J	0.10 J		
Nitrobenzene	µg/l						
RDX	µg/l	4.3	1.2	4.2	1.4	0.53	0.66
Tetryl	µg/l						

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-55B	MW-56A	MW-56B	MW-62A	MW-62D	MW-83A
	Field Sample ID:	BMW-255-032008	AMW-056-032008	BMW-056-032008	AMW-062-032008	DMW-062-032008	AMW-083-032008
	Laboratory Sample ID:	746722	746725	746724	741707	741706	743946
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	4/2/2008	4/2/2008	4/2/2008	2/26/2008	2/26/2008	3/18/2008
	Field QC	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l						
1,3-Dinitrobenzene	µg/l						
2,4,6-Trinitrotoluene	µg/l			0.28 J			
2,4-Dinitrotoluene	µg/l						
2,6-Dinitrotoluene	µg/l						
2-Amino-4,6-dinitrotoluene	µg/l	0.026 J			0.023 J		
2-Nitrotoluene	µg/l	0.32 J					
3-Nitrotoluene	µg/l						
4-Amino-2,6-dinitrotoluene	µg/l						
4-Nitrotoluene	µg/l					0.036 J	
HMX	µg/l		0.074 J				
Nitrobenzene	µg/l						
RDX	µg/l	0.73	1.1				1.1
Tetryl	µg/l						

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-83B	MW-85A	MW-85B	MW-85B	MW-86A	MW-86D
	Field Sample ID:	BMW-083-032008	AMW-085-032008	BMW-085-032008	BMW-285-032008	AMW-086-032008	DMW-086-032008
	Laboratory Sample ID:	743944	743939	743948	743938	742719	742718
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/18/2008	3/18/2008	3/18/2008	3/18/2008	3/6/2008	3/6/2008
	Field QC	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l						
1,3-Dinitrobenzene	µg/l						
2,4,6-Trinitrotoluene	µg/l						
2,4-Dinitrotoluene	µg/l						
2,6-Dinitrotoluene	µg/l						
2-Amino-4,6-dinitrotoluene	µg/l						
2-Nitrotoluene	µg/l						
3-Nitrotoluene	µg/l						
4-Amino-2,6-dinitrotoluene	µg/l			0.026 J			
4-Nitrotoluene	µg/l						
HMX	µg/l			0.16 J	0.17 J		
Nitrobenzene	µg/l						
RDX	µg/l	0.22 J	1.0	1.3	1.3	0.68	1.4
Tetryl	µg/l						

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-87B	MW-88D	MW-90D	MW-95B	MW-99A	MW-99B
	Field Sample ID:	BMW-087-032008	DMW-088-032008	DMW-090-032008	BMW-095-032008	AMW-099-032008	BMW-099-032008
	Laboratory Sample ID:	742713	742714	742013	743438	741704	741703
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/6/2008	3/6/2008	2/29/2008	3/13/2008	2/26/2008	2/26/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l						
1,3-Dinitrobenzene	µg/l			0.061 J			
2,4,6-Trinitrotoluene	µg/l						
2,4-Dinitrotoluene	µg/l						
2,6-Dinitrotoluene	µg/l			1.8 J			
2-Amino-4,6-dinitrotoluene	µg/l		0.026 J	0.18 J			
2-Nitrotoluene	µg/l	0.068 J					
3-Nitrotoluene	µg/l						
4-Amino-2,6-dinitrotoluene	µg/l			0.21 J		0.088 J	0.12 J
4-Nitrotoluene	µg/l						
HMX	µg/l					0.12 J	0.13 J
Nitrobenzene	µg/l			0.62 J			
RDX	µg/l	0.28			0.091 J	2.4	3.8
Tetryl	µg/l			0.50 J			

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-99D	MW-112A	MW-114D	MW-115D
	Field Sample ID:	DMW-099-032008	AMW-0112-032008	DMW-0114-032008	DMW-0115-032008
	Laboratory Sample ID:	741705	746709	742731	742724
	Laboratory Name	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/26/2008	4/1/2008	3/7/2008	3/7/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1
Explosives	**Units**				
1,3,5-Trinitrobenzene	µg/l				
1,3-Dinitrobenzene	µg/l				
2,4,6-Trinitrotoluene	µg/l				
2,4-Dinitrotoluene	µg/l				
2,6-Dinitrotoluene	µg/l				
2-Amino-4,6-dinitrotoluene	µg/l			0.038 J	0.039 J
2-Nitrotoluene	µg/l		0.044 J		
3-Nitrotoluene	µg/l				
4-Amino-2,6-dinitrotoluene	µg/l	0.15 J			
4-Nitrotoluene	µg/l				
HMX	µg/l	0.15 J			
Nitrobenzene	µg/l				
RDX	µg/l	3.9			
Tetryl	µg/l				

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
TALVT = TestAmerica, Vermont
HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine
Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis
"1" = Dilution factor

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-10B	MW-10B	MW-21B	MW-21B	MW-42A	MW-42A
	Field Sample ID:	BMW-010-032008	BMW-210-032008	BMW-021-032008	BMW-221-032008	AMW-042-032008	AMW-242-032008
	Laboratory Sample ID:	748056	748057	747440	747441	744333	744334
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	4/7/2008	4/7/2008	4/3/2008	4/3/2008	3/20/2008	3/20/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1	DL 1.8 I 1	DL 2.0 I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	0.41 J	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	0.38 J	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	0.30 J	0.25 J	0.30 J	0.28 J
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	2.5 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-10B	MW-10B	MW-21B	MW-21B	MW-42A	MW-42A
Field Sample ID:		BMW-010-032008	BMW-210-032008	BMW-021-032008	BMW-221-032008	AMW-042-032008	AMW-242-032008
Laboratory Sample ID:		748056	748057	747440	747441	744333	744334
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/7/2008	4/7/2008	4/3/2008	4/3/2008	3/20/2008	3/20/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	DL 1.8 I 1	DL 2.0 I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	0.30 J	0.25 J	0.30 J	0.28 J
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	0.41 J	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	0.61 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	(1.8x) 53	(2.0x) 52	20 J	20 J
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-10B	MW-10B	MW-21B	MW-21B	MW-42A	MW-42A
	Field Sample ID:	BMW-010-032008	BMW-210-032008	BMW-021-032008	BMW-221-032008	AMW-042-032008	AMW-242-032008
	Laboratory Sample ID:	748056	748057	747440	747441	744333	744334
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	4/7/2008	4/7/2008	4/3/2008	4/3/2008	3/20/2008	3/20/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1	DL 1.8 I 1	DL 2.0 I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-44B	MW-44B	MW-55B	MW-55B	MW-62B	MW-62B
Field Sample ID:		BMW-044-032008	BMW-244-032008	BMW-055-032008	BMW-255-032008	BMW-062-032008	BMW-262-032008
Laboratory Sample ID:		741988	741989	746721	746722	741708	741709
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/27/2008	2/27/2008	4/2/2008	4/2/2008	2/26/2008	2/26/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-44B	MW-44B	MW-55B	MW-55B	MW-62B	MW-62B
	Field Sample ID:	BMW-044-032008	BMW-244-032008	BMW-055-032008	BMW-255-032008	BMW-062-032008	BMW-262-032008
	Laboratory Sample ID:	741988	741989	746721	746722	741708	741709
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/27/2008	2/27/2008	4/2/2008	4/2/2008	2/26/2008	2/26/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	6.4	6.3	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-44B	MW-44B	MW-55B	MW-55B	MW-62B	MW-62B
	Field Sample ID:	BMW-044-032008	BMW-244-032008	BMW-055-032008	BMW-255-032008	BMW-062-032008	BMW-262-032008
	Laboratory Sample ID:	741988	741989	746721	746722	741708	741709
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/27/2008	2/27/2008	4/2/2008	4/2/2008	2/26/2008	2/26/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-64B	MW-64B	MW-79A	MW-79A	MW-80A	MW-80A
Field Sample ID:		BMW-064-032008	BMW-264-032008	AMW-079-032008	AMW-279-032008	AMW-080-032008	AMW-280-032008
Laboratory Sample ID:		748074	748075	741994	741995	741998	741999
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/8/2008	4/8/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-64B	MW-64B	MW-79A	MW-79A	MW-80A	MW-80A
	Field Sample ID:	BMW-064-032008	BMW-264-032008	AMW-079-032008	AMW-279-032008	AMW-080-032008	AMW-280-032008
	Laboratory Sample ID:	748074	748075	741994	741995	741998	741999
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	4/8/2008	4/8/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-64B	MW-64B	MW-79A	MW-79A	MW-80A	MW-80A
	Field Sample ID:	BMW-064-032008	BMW-264-032008	AMW-079-032008	AMW-279-032008	AMW-080-032008	AMW-280-032008
	Laboratory Sample ID:	748074	748075	741994	741995	741998	741999
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	4/8/2008	4/8/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-88B	MW-88B	MW-112B	MW-112B	MW-114B	MW-114B
Field Sample ID:		BMW-088-032008	BMW-288-032008	BMW-0112-032008	BMW-2112-032008	BMW-0114-032008	BMW-2114-032008
Laboratory Sample ID:		742716	742717	746707	746708	742729	742730
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/6/2008	3/6/2008	4/1/2008	4/1/2008	3/7/2008	3/7/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-88B	MW-88B	MW-112B	MW-112B	MW-114B	MW-114B
Field Sample ID:		BMW-088-032008	BMW-288-032008	BMW-0112-032008	BMW-2112-032008	BMW-0114-032008	BMW-2114-032008
Laboratory Sample ID:		742716	742717	746707	746708	742729	742730
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/6/2008	3/6/2008	4/1/2008	4/1/2008	3/7/2008	3/7/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-88B	MW-88B	MW-112B	MW-112B	MW-114B	MW-114B
	Field Sample ID:	BMW-088-032008	BMW-288-032008	BMW-0112-032008	BMW-2112-032008	BMW-0114-032008	BMW-2114-032008
	Laboratory Sample ID:	742716	742717	746707	746708	742729	742730
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/6/2008	3/6/2008	4/1/2008	4/1/2008	3/7/2008	3/7/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells			
	Station ID:	MW-115B	MW-115B
	Field Sample ID:	BMW-0115-032008	BMW-2115-032008
	Laboratory Sample ID:	742726	742727
	Laboratory Name	TALVT	TALVT
	Sample Date:	3/7/2008	3/7/2008
	Field QC	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1
Volatile Organic Compounds	**Units**		
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells			
	Station ID:	MW-115B	MW-115B
	Field Sample ID:	BMW-0115-032008	BMW-2115-032008
	Laboratory Sample ID:	742726	742727
	Laboratory Name	TALVT	TALVT
	Sample Date:	3/7/2008	3/7/2008
	Field QC	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1
Volatile Organic Compounds	**Units**		
Bromoform	µg/l	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells			
	Station ID:	MW-115B	MW-115B
	Field Sample ID:	BMW-0115-032008	BMW-2115-032008
	Laboratory Sample ID:	742726	742727
	Laboratory Name	TALVT	TALVT
	Sample Date:	3/7/2008	3/7/2008
	Field QC	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1
Volatile Organic Compounds	**Units**		
Vinyl Chloride	µg/l	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

Table 3-6
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-10B		MW-10B		MW-21B		MW-21B		MW-29A		MW-29A	
Field Sample ID:		BMW-010-032008		BMW-210-032008		BMW-021-032008		BMW-221-032008		AMW-029-032008		AMW-229-032008	
Laboratory Sample ID:		748056		748057		747440		747441		743941		743942	
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
Sample Date:		4/7/2008		4/7/2008		4/3/2008		4/3/2008		3/18/2008		3/18/2008	
Field QC		Original Sample		Field Duplicate		Original Sample		Field Duplicate		Original Sample		Field Duplicate	
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1	
Explosives	**Units**												
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	J	0.27	J	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	2.8	J	2.8	J	0.25	U	0.25	U
2,4,6-Trinitrotoluene	µg/l	0.19	J	0.18	J	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.043	J	0.048	J	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.093	J	0.10	J	0.25	U	0.25	U
2-Amino-4,6-dinitrotoluene	µg/l	0.12	J	0.13	J	0.24	J	0.23	J	0.25	U	0.25	U
2-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.14	J	0.13	J	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	0.42		0.44		11		12		0.25	U	0.25	U
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
HMX	µg/l	0.25	U	0.25	U	1.4		1.4		0.25	J	0.26	J
Nitrobenzene	µg/l	0.25	U	0.25	U	0.094	J	0.10	J	0.25	U	0.25	U
RDX	µg/l	0.25	U	0.25	U	11		10		3.7		3.7	
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-6
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-31B		MW-31B		MW-42A		MW-42A		MW-44B		MW-44B
Field Sample ID:		BMW-031-032008		BMW-231-032008		AMW-042-032008		AMW-242-032008		BMW-044-032008		BMW-244-032008
Laboratory Sample ID:		748067		748068		744333		744334		741988		741989
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT
Sample Date:		4/8/2008		4/8/2008		3/20/2008		3/20/2008		2/27/2008		2/27/2008
Field QC		Original Sample		Field Duplicate		Original Sample		Field Duplicate		Original Sample		Field Duplicate
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1
Explosives	**Units**											
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.084	J	0.088	J	0.25	U	0.25 U
2-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.098	J	0.099	J	0.25	UJ	0.25 UJ
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
HMX	µg/l	0.25	U	0.25	U	0.36	J	0.35	J	0.25	U	0.25 U
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
RDX	µg/l	0.43		0.49		4.5		4.3		0.25	U	0.25 U
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U

Table 3-6
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-55B		MW-55B		MW-62B		MW-62B		MW-64B		MW-64B
Field Sample ID:		BMW-055-032008		BMW-255-032008		BMW-062-032008		BMW-262-032008		BMW-064-032008		BMW-264-032008
Laboratory Sample ID:		746721		746722		741708		741709		748074		748075
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT
Sample Date:		4/2/2008		4/2/2008		2/26/2008		2/26/2008		4/8/2008		4/8/2008
Field QC		Original Sample		Field Duplicate		Original Sample		Field Duplicate		Original Sample		Field Duplicate
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1
Explosives	**Units**											
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.027	J	0.026	J	0.25	U	0.25	U	0.25	U	0.25 U
2-Nitrotoluene	µg/l	0.33	J	0.32	J	0.25	U	0.25	U	0.25	U	0.25 U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
HMX	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
RDX	µg/l	0.66		0.73		0.25	U	0.25	U	0.25	U	0.25 U
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U

Table 3-6
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-85B		MW-85B		MW-88B		MW-88B		MW-94B		MW-94B
Field Sample ID:		BMW-085-032008		BMW-285-032008		BMW-088-032008		BMW-288-032008		BMW-094-032008		BMW-294-032008
Laboratory Sample ID:		743948		743938		742716		742717		743446		743445
Laboratory Name		TALVT		TALVT		TALVT		TALVT		TALVT		TALVT
Sample Date:		3/18/2008		3/18/2008		3/6/2008		3/6/2008		3/14/2008		3/14/2008
Field QC		Original Sample		Field Duplicate		Original Sample		Field Duplicate		Original Sample		Field Duplicate
Analysis Information		I 1		I 1		I 1		I 1		I 1		I 1
Explosives	**Units**											
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	UJ	0.25 UJ
2-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.026	J	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
HMX	µg/l	0.16	J	0.17	J	0.25	UJ	0.25	UJ	0.25	UJ	0.25 UJ
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U
RDX	µg/l	1.3		1.3		0.25	U	0.25	U	0.25	U	0.25 U
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25 U

Table 3-6
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		MW-112B	MW-112B	MW-114B	MW-114B	MW-115B	MW-115B
Field Sample ID:		BMW-0112-032008	BMW-2112-032008	BMW-0114-032008	BMW-2114-032008	BMW-0115-032008	BMW-2115-032008
Laboratory Sample ID:		746707	746708	742729	742730	742726	742727
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		4/1/2008	4/1/2008	3/7/2008	3/7/2008	3/7/2008	3/7/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-6
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

TALVT = TestAmerica, Vermont

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

DL = Diluted analysis

"1" = Dilution factor

Table 3-7
Trip Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Field Sample ID:		TRB-2102-032008	TRB-241-032008	TRB-293-032008	TRB-2108-032008	TRB-2116-032008	TRB-242-032008
Laboratory Sample ID:		741697	741982	742706	743120	743952	744335
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/25/2008	2/27/2008	3/5/2008	3/10/2008	3/19/2008	3/20/2008
Field QC		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-7
Trip Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Field Sample ID:		TRB-2102-032008	TRB-241-032008	TRB-293-032008	TRB-2108-032008	TRB-2116-032008	TRB-242-032008
Laboratory Sample ID:		741697	741982	742706	743120	743952	744335
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		2/25/2008	2/27/2008	3/5/2008	3/10/2008	3/19/2008	3/20/2008
Field QC		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-7
Trip Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
	Field Sample ID:	TRB-2102-032008	TRB-241-032008	TRB-293-032008	TRB-2108-032008	TRB-2116-032008	TRB-242-032008
	Laboratory Sample ID:	741697	741982	742706	743120	743952	744335
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	2/25/2008	2/27/2008	3/5/2008	3/10/2008	3/19/2008	3/20/2008
	Field QC	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-7
Trip Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells				
	Station ID:	Trip Blank	Trip Blank	Trip Blank
	Field Sample ID:	TRB-2112-032008	TRB-221-032008	TRB-210-032008
	Laboratory Sample ID:	746711	747442	748059
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	4/1/2008	4/3/2008	4/7/2008
	Field QC	Trip Blank	Trip Blank	Trip Blank
	Analysis Information	I 1	I 1	I 1
Volatile Organic Compounds	**Units**			
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U

Table 3-7
Trip Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells				
	Station ID:	Trip Blank	Trip Blank	Trip Blank
	Field Sample ID:	TRB-2112-032008	TRB-221-032008	TRB-210-032008
	Laboratory Sample ID:	746711	747442	748059
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	4/1/2008	4/3/2008	4/7/2008
	Field QC	Trip Blank	Trip Blank	Trip Blank
	Analysis Information	I 1	I 1	I 1
Volatile Organic Compounds	**Units**			
Bromoform	µg/l	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U

Table 3-7
Trip Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells				
	Station ID:	Trip Blank	Trip Blank	Trip Blank
	Field Sample ID:	TRB-2112-032008	TRB-221-032008	TRB-210-032008
	Laboratory Sample ID:	746711	747442	748059
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	4/1/2008	4/3/2008	4/7/2008
	Field QC	Trip Blank	Trip Blank	Trip Blank
	Analysis Information	I 1	I 1	I 1
Volatile Organic Compounds	**Units**			
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U

Table 3-7
Trip Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

Table 3-8
Rinsate Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank
Field Sample ID:		RIN-038-032008	RIN-032-032008	RIN-042-032008	RIN-054-032008	RIN-0112-032008	RIN-008-032008
Laboratory Sample ID:		743955	744343	744342	746720	746712	747446
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/21/2008	3/20/2008	4/2/2008	4/1/2008	4/4/2008
Field QC		Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	21	9.4 J	15 J	8.6	11 J	5.5 J
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-8
Rinsate Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank
Field Sample ID:		RIN-038-032008	RIN-032-032008	RIN-042-032008	RIN-054-032008	RIN-0112-032008	RIN-008-032008
Laboratory Sample ID:		743955	744343	744342	746720	746712	747446
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/21/2008	3/20/2008	4/2/2008	4/1/2008	4/4/2008
Field QC		Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-8
Rinsate Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:		Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank
Field Sample ID:		RIN-038-032008	RIN-032-032008	RIN-042-032008	RIN-054-032008	RIN-0112-032008	RIN-008-032008
Laboratory Sample ID:		743955	744343	744342	746720	746712	747446
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/21/2008	3/20/2008	4/2/2008	4/1/2008	4/4/2008
Field QC		Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 UJ	0.25 UJ	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.040 J

Table 3-8
Rinsate Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells				
	Station ID:	Rinsate Blank	Rinsate Blank	Rinsate Blank
	Field Sample ID:	RIN-021-032008	RIN-010-032008	RIN-031-032008
	Laboratory Sample ID:	747443	748060	748073
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	4/3/2008	4/7/2008	4/8/2008
	Field QC	Rinsate Blank	Rinsate Blank	Rinsate Blank
	Analysis Information	I 1	I 1	I 1
Volatile Organic Compounds	**Units**			
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U
Acetone	µg/l	6.3 J	5.0	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U

Table 3-8
Rinsate Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells				
	Station ID:	Rinsate Blank	Rinsate Blank	Rinsate Blank
	Field Sample ID:	RIN-021-032008	RIN-010-032008	RIN-031-032008
	Laboratory Sample ID:	747443	748060	748073
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	4/3/2008	4/7/2008	4/8/2008
	Field QC	Rinsate Blank	Rinsate Blank	Rinsate Blank
	Analysis Information	I 1	I 1	I 1
Volatile Organic Compounds	**Units**			
Bromoform	µg/l	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 U	1.0 U
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U
Chloroform	µg/l	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U

Table 3-8
Rinsate Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells				
	Station ID:	Rinsate Blank	Rinsate Blank	Rinsate Blank
	Field Sample ID:	RIN-021-032008	RIN-010-032008	RIN-031-032008
	Laboratory Sample ID:	747443	748060	748073
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	4/3/2008	4/7/2008	4/8/2008
	Field QC	Rinsate Blank	Rinsate Blank	Rinsate Blank
	Analysis Information	I 1	I 1	I 1
Volatile Organic Compounds	**Units**			
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U
Explosives	**Units**			
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.026 J

Table 3-8
Rinsate Blank Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

TALVT = TestAmerica, Vermont

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

DL = Diluted analysis

"1" = Dilution factor

Table 4-1
Data Quality Evaluation Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification							Comments	Final Result
										CR	CAL	LCS	MS	RPD	BLK	SUR		
BMW-006-032008	4/4/2008	124853	747453	Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.027	J	J					x			Intercolumn RPD > 40%	0.027 J
BMW-008-032008	4/4/2008	124853	747445	Explosives	HMX	µg/L	0.16	J	J					x			Intercolumn RPD > 40%	0.16 J
					2-Amino-4,6-dinitrotoluene	µg/L	0.052	J	J					x			Intercolumn RPD > 40%	0.052 J
					4-Amino-2,6-dinitrotoluene	µg/L	0.093	J	J					x			Intercolumn RPD > 40%	0.093 J
AMW-009-032008	4/1/2008	124813	746715	VOC	TCE	µg/L	1800	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	1800 Not used
AMW-009-032008DL	4/1/2008	124813	746715DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	2000 D
BMW-009-032008	4/1/2008	124813	746716	VOC	TCE	µg/L	90	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	90 Not used
BMW-009-032008DL	4/1/2008	124813	746716DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	83 D
DMW-009-032008	4/1/2008	124813	746717	VOC	TCE	µg/L	1100	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	1100 Not used
DMW-009-032008DL	4/1/2008	124813	746717DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	1200 D
BMW-210-032008	4/7/2008	124895	748057	VOC	Acetone	µg/L	2.5	J	U						x		Detected in Rinsate Blank	2.5 U
					Naphthalene	µg/L	0.61	J	U						x		Detected in Method Blank	0.61 U
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.13	J	J					x			Intercolumn RPD > 40%	0.13 J
AMW-021-032008	4/4/2008	124853	747447	VOC	TCE	µg/L	65	E	J	x							Calibration Range Exceeded No Dilution	65 J
BMW-021-032008	4/3/2008	124853	747440	VOC	TCE	µg/L	56	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	56 Not used
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.24	J	J					x			Intercolumn RPD > 40%	0.24 J
					1,3-Dinitrobenzene	µg/L	2.8		J					x			Intercolumn RPD > 40%	2.8 J
					1,3,5-Trinitrobenzene	µg/L	0.25		J					x			Intercolumn RPD > 40%	0.25 J
					2,6-Dinitrotoluene	µg/L	0.093	J	J					x			Intercolumn RPD > 40%	0.093 J
					2,4-Dinitrotoluene	µg/L	0.043	J	J					x			Intercolumn RPD > 40%	0.043 J
					3-Nitrotoluene	µg/L	0.14	J	J					x			Intercolumn RPD > 40%	0.14 J
					Nitrobenzene	µg/L	0.094	J	J					x			Intercolumn RPD > 40%	0.094 J
BMW-021-032008DL	4/3/2008	124853	747440DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	53 D
BMW-221-032008	4/3/2008	124853	747441	VOC	TCE	µg/L	55	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	55 Not used
					1,3-Dinitrobenzene	µg/L	2.8		J					x			Intercolumn RPD > 40%	2.8 J
					1,3,5-Trinitrobenzene	µg/L	0.27		J					x			Intercolumn RPD > 40%	0.27 J
					2,6-Dinitrotoluene	µg/L	0.10	J	J					x			Intercolumn RPD > 40%	0.10 J
					2,4-Dinitrotoluene	µg/L	0.048	J	J					x			Intercolumn RPD > 40%	0.048 J
					3-Nitrotoluene	µg/L	0.13	J	J					x			Intercolumn RPD > 40%	0.13 J
					Nitrobenzene	µg/L	0.10	J	J					x			Intercolumn RPD > 40%	0.10 J
BMW-221-032008DL	4/3/2008	124853	747441DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	52 D
DMW-021-032008	4/1/2008	124853	747448	VOC	TCE	µg/L	300	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	300 Not used
DMW-021-032008DL	4/1/2008	124853	747448DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	300 D
AMW-024-032008	4/7/2008	124895	748062	VOC	TCE	µg/L	1000	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	1000 Not used
					Naphthalene	µg/L	1.3	J	U						x		Detected in Method Blank	1.3 U

Table 4-1
Data Quality Evaluation Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification							Comments	Final Result
										CR	CAL	LCS	MS	RPD	BLK	SUR		
AMW-024-032008DL	4/7/2008	124895	748062DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	980 D
BMW-024-032008	4/7/2008	124895	748061	VOC	TCE	µg/L	95	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	95 Not used
				Explosives	HMX	µg/L	0.082	J	J					x			Intercolumn RPD > 40%	0.082 J
					2-Amino-4,6-dinitrotoluene	µg/L	0.036	J	J					x			Intercolumn RPD > 40%	0.036 J
					2,6-Dinitrotoluene	µg/L	0.034	J	J					x			Intercolumn RPD > 40%	0.034 J
BMW-024-032008DL	4/7/2008	124895	748061DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	99 D
AMW-029-032008	3/18/2008	124534	743941	Explosives	HMX	µg/L	0.25		J					x			Intercolumn RPD > 40%	0.25 J
AMW-229-032008	3/18/2008	124534	743942	Explosives	HMX	µg/L	0.26		J					x			Intercolumn RPD > 40%	0.26 J
AMW-032-032008	3/21/2008	124635	744341	Explosives	HMX	µg/L	1.0		J			x					Low LCS % REC	1 J
BMW-032-032008	3/21/2008	124635	744344	Explosives	HMX	µg/L	0.19	J	J			x		x			Low LCS % REC Intercolumn RPD > 40%	0.19 J
					4-Amino-2,6-dinitrotoluene	µg/L	0.04	J	J					x			Intercolumn RPD > 40%	0.04 J
DMW-032-032008	3/21/2008	124635	744345	Explosives	HMX	µg/L	0.66		J			x					Low LCS % REC	0.66 J
					4-Amino-2,6-dinitrotoluene	µg/L	0.048	J	J					x			Intercolumn RPD > 40%	0.048 J
AMW-034-032008	3/20/2008	124635	744340	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-034-032008	3/20/2008	124635	744338	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-034-032008	3/20/2008	124635	744339	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-035-032008	3/5/2008	124431	742709	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-035-032008	3/5/2008	124431	742708	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-035-032008	3/5/2008	124431	742710	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-041-032008	2/27/2008	124333	741979	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
BMW-041-032008	2/27/2008	124333	741980	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
DMW-041-032008	2/27/2008	124333	741981	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
AMW-042-032008	3/20/2008	124635	744333	VOC	TCE	µg/L	20		J				x				High MS/MSD % RECs	20 J
				Explosives	HMX	µg/L	0.36		J			x					Low LCS % REC	0.36 J
					2-Amino-4,6-dinitrotoluene	µg/L	0.084	J	J					x			Intercolumn RPD > 40%	0.084 J
AMW-242-032008	3/20/2008	124635	744334	VOC	TCE	µg/L	20		J				x				High MS/MSD % RECs	20 J
				Explosives	HMX	µg/L	0.35		J			x					Low LCS % REC	0.35 J
					2-Amino-4,6-dinitrotoluene	µg/L	0.088	J	J					x			Intercolumn RPD > 40%	0.088 J
BMW-042-032008	3/20/2008	124635	744336	Explosives	HMX	µg/L	0.068		J			x					Low LCS % REC	0.068 J
DMW-042-032008	3/20/2008	124635	744337	Explosives	HMX	µg/L	0.31		J			x					Low LCS % REC	0.31 J
					2-Amino-4,6-dinitrotoluene	µg/L	0.051	J	J					x			Intercolumn RPD > 40%	0.051 J
AMW-044-032008	2/27/2008	124333	741987	VOC	TCE	µg/L	260	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	260 Not used
AMW-044-032008DL	2/27/2008	124333	741987DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	240 D
BMW-044-032008	2/27/2008	124333	741988	Explosives	4-Amino-2,6-dinitrotoluene	µg/L	0.25	U	UJ				x				Low MSD % REC	0.25 UJ

Table 4-1
Data Quality Evaluation Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification							Comments	Final Result
										CR	CAL	LCS	MS	RPD	BLK	SUR		
BMW-244-032008	2/27/2008	124333	741989	Explosives	4-Amino-2,6-dinitrotoluene	µg/L	0.25	U	UJ				x				Low MSD % REC	0.25 UJ
AMW-046-032008	2/27/2008	124333	741984	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
BMW-046-032008	2/27/2008	124333	741983	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
AMW-054-032008	4/2/2008	124813	746719	Explosives	HMX	µg/L	0.10	J	J					x			Intercolumn RPD > 40%	0.1 J
BMW-055-032008	4/2/2008	124813	746721	Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.027	J	J					x			Intercolumn RPD > 40%	0.027 J
					2-Nitrotoluene	µg/L	0.33		J					x			Intercolumn RPD > 40%	0.33 J
BMW-255-032008	4/2/2008	124813	746722	Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.026	J	J					x			Intercolumn RPD > 40%	0.026 J
					2-Nitrotoluene	µg/L	0.32		J					x			Intercolumn RPD > 40%	0.32 J
AMW-056-032008	4/2/2008	124813	746725	Explosives	HMX	µg/L	0.074	J	J					x			Intercolumn RPD > 40%	0.074 J
BMW-056-032008	4/2/2008	124813	746724	Explosives	2,4,6-Trinitrotoluene	µg/L	0.28		J					x			Intercolumn RPD > 40%	0.28 J
AMW-062-032008	2/26/2008	124290	741707	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.023	J	J					x			Intercolumn RPD > 40%	0.023 J
BMW-062-032008	2/26/2008	124290	741708	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
BMW-262-032008	2/26/2008	124290	741709	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
DMW-062-032008	2/26/2008	124290	741706	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
				Explosives	4-Nitrotoluene	µg/L	0.036	J	J					x			Intercolumn RPD > 40%	0.036 J
AMW-080-032008	2/28/2008	124334	741998	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
AMW-280-032008	2/28/2008	124334	741999	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
BMW-080-032008	2/28/2008	124334	741996	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
DMW-080-032008	2/28/2008	124334	741997	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
AMW-081-032008	2/29/2008	124334	742004	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
BMW-081-032008	2/29/2008	124334	742003	VOC	Bromomethane	µg/L	1.0	U	UJ		x		x				Low MS/MSD % RECs Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane	µg/L	1.0	U	UJ			x					Low LCSD % REC	1 UJ
DMW-081-032008	2/29/2008	124334	742002	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
BMW-085-032008	3/18/2008	124600	743948	Explosives	4-Amino-2,6-dinitrotoluene	µg/L	0.026	J	J					x			Intercolumn RPD > 40%	0.026 J
					HMX	µg/L	0.16	J	J					x			Intercolumn RPD > 40%	0.16 J
BMW-285-032008	3/18/2008	124534	743938	Explosives	HMX	µg/L	0.17	J	J					x			Intercolumn RPD > 40%	0.17 J
AMW-086-032008	3/6/2008	124431	742719	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-086-032008	3/6/2008	124431	742720	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-086-032008	3/6/2008	124431	742718	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-087-032008	3/6/2008	124431	742712	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-087-032008	3/6/2008	124431	742713	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ

Table 4-1
Data Quality Evaluation Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification							Comments	Final Result
										CR	CAL	LCS	MS	RPD	BLK	SUR		
DMW-087-032008	3/6/2008	124431	742711	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-088-032008	3/6/2008	124431	742715	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-088-032008	3/6/2008	124431	742716	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-288-032008	3/6/2008	124431	742717	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-088-032008	3/6/2008	124431	742714	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.026	J	J					x			Intercolumn RPD > 40%	0.026 J
AMW-089-032008	2/29/2008	124334	742006	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
BMW-089-032008	2/29/2008	124334	742005	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
DMW-089-032008	2/29/2008	124334	742007	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane	µg/L	1.0	U	UJ			x					Low LCSD % REC	1 UJ
AMW-090-032008	2/29/2008	124334	742012	VOC	TCE	µg/L	64	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	64 Not used
					Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane	µg/L	1.0	U	UJ			x					Low LCSD % REC	1 UJ
AMW-090-032008DL	2/29/2008	124334	742012DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	65 D
BMW-090-032008	2/29/2008	124334	742011	VOC	TCE	µg/L	220	E	Not used	x							Calibration Range Exceeded Report TCE from Dilution	220 Not used
					Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane	µg/L	1.0	U	UJ			x					Low LCSD % REC	1 UJ
BMW-090-032008DL	2/29/2008	124334	742011DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used	x							Report only TCE from this Analysis	230 D

Table 4-1
Data Quality Evaluation Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification							Comments	Final Result
										CR	CAL	LCS	MS	RPD	BLK	SUR		
DMW-090-032008	2/29/2008	124334	742013	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane	µg/L	1.0	U	UJ			x					Low LCSD % REC	1 UJ
				Explosives	1,3-Dinitrobenzene	µg/L	0.061	J	J					x		x	High SUR %REC Intercolumn RPD > 40%	0.061 J
					2,6-Dinitrotoluene	µg/L	1.8		J				x			x	High SUR %REC Low MS %REC	1.8 J
					2-Amino-4,6-dinitrotoluene	µg/L	0.18	J	J				x			x	High SUR %REC Low MSD %REC	0.18 J
					4-Amino-2,6-dinitrotoluene	µg/L	0.21	J	J				x	x		x	High SUR %REC Low MS/MSD %RECs Intercolumn RPD > 40%	0.21 J
					Nitrobenzene	µg/L	0.62		J					x		x	High SUR %REC Intercolumn RPD > 40%	0.62 J
					Tetryl	µg/L	0.50		J					x		x	High SUR %REC Intercolumn RPD > 40%	0.5 J
AMW-091-032008	2/29/2008	124334	742009	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane	µg/L	1.0	U	UJ			x					Low LCSD % REC	1 UJ
BMW-091-032008	2/29/2008	124334	742008	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane	µg/L	1.0	U	UJ			x					Low LCSD % REC	1 UJ
DMW-091-032008	2/29/2008	124334	742010	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane	µg/L	1.0	U	UJ			x					Low LCSD % REC	1 UJ
AMW-092-032008	2/28/2008	124334	742001	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
BMW-092-032008	2/28/2008	124334	742000	VOC	Bromomethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
AMW-093-032008	3/5/2008	124431	742707	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
BMW-093-032008	3/5/2008	124431	742705	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
AMW-094-032008	3/14/2008	124534	743444	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-094-032008	3/14/2008	124534	743446	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-294-032008	3/14/2008	124534	743445	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-094-032008	3/14/2008	124534	743443	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-095-032008	3/13/2008	124534	743439	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ

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Data Quality Evaluation Results
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Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification							Comments	Final Result
										CR	CAL	LCS	MS	RPD	BLK	SUR		
BMW-095-032008	3/13/2008	124534	743438	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					RDX	µg/L	0.091	J	J					x			Intercolumn RPD > 40%	0.091 J
DMW-095-032008	3/13/2008	124534	743437	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-097-032008	3/13/2008	124534	743441	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-097-032008	3/13/2008	124534	743442	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-097-032008	3/13/2008	124534	743440	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-0103-032008	2/26/2008	124290	741701	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
BMW-0103-032008	2/26/2008	124290	741702	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
DMW-0103-032008	2/26/2008	124290	741700	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
AMW-0106-032008	3/10/2008	124432	743112	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-0106-032008	3/10/2008	124432	743111	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-0106-032008	3/10/2008	124432	743113	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-0107-032008	3/10/2008	124432	743114	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-0107-032008	3/10/2008	124432	743116	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-0107-032008	3/10/2008	124432	743115	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-0108-032008	3/11/2008	124432	743114	Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
					HMX	µg/L	0.25	U	UJ				x				Low MSD % REC	0.25 UJ
BMW-0108-032008	3/11/2008	124432	743116	Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-0108-032008	3/11/2008	124432	743115	Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-0110-032008	3/11/2008	124432	743117	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-0110-032008	3/11/2008	124432	743118	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-0110-032008	3/11/2008	124432	743119	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
AMW-0112-032008	4/1/2008	124813	746709	Explosives	2-Nitrotoluene	µg/L	0.044	J	J					x			Intercolumn RPD > 40%	0.044 J
DMW-0114-032008	3/7/2008	124432	742731	Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.038	J	J					x			Intercolumn RPD > 40%	0.038 J
AMW-0115-032008	3/7/2008	124432	742725	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
BMW-0115-032008	3/7/2008	124432	742726	Explosives	HMX	µg/L	0.25	U	UJ				x				Low MSD % REC	0.25 UJ
DMW-0115-032008	3/7/2008	124432	742724	Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.039	J	J					x			Intercolumn RPD > 40%	0.039 J

Table 4-1
Data Quality Evaluation Results
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification							Comments	Final Result
										CR	CAL	LCS	MS	RPD	BLK	SUR		
AMW-0116-032008	3/7/2008	124431	742724	Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
BMW-0116-032008	3/7/2008	124431	742723	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
DMW-0116-032008	3/7/2008	124431	742722	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
RIN-008-032008	4/4/2008	124853	747446	VOC	Acetone	µg/L	5.5		J		x						Continuing Calibration %D >25%	5.5 J
				Explosives	Tetryl	µg/L	0.04		J					x			Intercolumn RPD > 40%	0.04 J
RIN-021-032008	4/3/2008	124853	747443	VOC	Acetone	µg/L	6.3		J		x						Continuing Calibration %D >25%	6.3 J
RIN-031-032008	4/8/2008	124895	748073	Explosives	Tetryl	µg/L	0.026		J					x			Intercolumn RPD > 40%	0.026 J
RIN-032-032008	3/21/2008	124635	744343	VOC	Acetone	µg/L	9.4		J			x					High LCSD % REC	9.4 J
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
RIN-042-032008	3/20/2008	124635	744342	VOC	Acetone	µg/L	15		J			x					High LCSD % REC	15 J
				Explosives	HMX	µg/L	0.25	U	UJ			x					Low LCS % REC	0.25 UJ
RIN-0112-032008	4/1/2008	124813	746712	VOC	Acetone	µg/L	11		J			x					High LCS/LCSD % REC	11 J
TRB-241-032008	2/27/2008	124333	741982	VOC	Acetone	µg/L	5.0	U	UJ			x					Elevated LCS/LCSD RPD	5 UJ
TRB-293-032008	3/5/2008	124431	742706	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ
TRB-2108-032008	3/10/2008	124432	743120	VOC	Chloroethane	µg/L	1.0	U	UJ		x						Initial Calibration %RSD >30%	1 UJ

Notes:

BLK = Blanks
CAL = Calibration
CR = Calibration Range
DL = Dilution
E = Laboratory qualifier indicating a calibration range exceedance
HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
J = Qualified as estimated
LCS/LCSD = Laboratory Control Sample/Laboratory Control Sample Duplicate
MS/MSD = Matrix Spike/Matrix Spike Duplicate
RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

%D = Percent Difference
%REC = Percent Recovery
%RSD = Percent Relative Standard Deviation
RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine
RPD = Relative Percent Difference
SDG = Sample Delivery Group
TCE =Trichloroethene
U = Qualified as non-detect
µg/L = micrograms per liter
UJ = Qualified as estimated and not detected
VOCs = Volatile organic compounds

Table 4-2
VOCs Quality Control Outliers
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field Sample ID(s) Requiring Qualification	SDG	Compound	QC Outlier	QC Parameter Control Limit	QC Result
Calibrations					
AMW-080-032008 AMW-280-032008 BMW-080-032008 DMW-080-032008 AMW-081-032008 BMW-081-032008 DMW-081-032008 AMW-089-032008 BMW-089-032008 DMW-089-032008 AMW-090-032008 BMW-090-032008 DMW-090-032008 AMW-091-032008 BMW-091-032008 DMW-091-032008 AMW-092-032008 BMW-092-032008	124334	Bromomethane Chloroethane	ICAL %RSD	30%	31.4% 36.2%
AMW-035-032008 BMW-035-032008 DMW-035-032008 AMW-087-032008 BMW-087-032008 DMW-087-032008 AMW-088-032008 BMW-088-032008 BMW-288-032008 DMW-088-032008 AMW-093-032008 BMW-093-032008 BMW-0116-032008 DMW-0116-032008 TRB-293-032008	124431	Chloroethane	ICAL %RSD	30%	35.1%
AMW-0106-032008 BMW-0106-032008 DMW-0106-032008 AMW-0107-032008 BMW-0107-032008 DMW-0107-032008 AMW-0110-032008 BMW-0110-032008 DMW-0110-032008 AMW-0115-032008 TRB-2108-032008	124432	Chloroethane	ICAL %RSD	30%	35.1%
RIN-008-032008 RIN-021-032008	124853	Acetone	CCAL %D	25%	26.0%
Blanks (rinsate blanks detections and method blank detections below the reporting limit did not affect data completeness)					
BMW-210-032008 AMW-024-032008	124895	Naphthalene	Method blank	non-detect	MBLK041708LA - 0.22 ug/L MBLK041808LA - 0.25 ug/L
BMW-210-032008	124895	Acetone	Rinsate blank	non-detect	RIN-010-032008 - 5.0 ug/L

Table 4-2
VOCs Quality Control Outliers
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field Sample ID(s) Requiring Qualification	SDG	Compound	QC Outlier	QC Parameter Control Limit	QC Result
Laboratory Control Sample / Laboratory Control Sample Duplicate					
BMW-081-032008 DMW-089-032008 AMW-090-032008 BMW-090-032008 DMW-090-032008 AMW-091-032008 BMW-091-032008 DMW-091-032008	124334	1,2-Dichloropropane	LCSD % REC	80-115%	74%
RIN-032-032008 RIN-042-032008	124635	Acetone	LCSD % REC	60-140%	144%
RIN-0112-032008	124813		LCS/LCSD % REC	60-140%	148%/144%
AMW-041-032008 BMW-041-032008 DMW-041-032008 AMW-046-032008 BMW-046-032008 AMW-062-032008 BMW-062-032008 BMW-262-032008 DMW-062-032008 AMW-0103-032008 BMW-0103-032008 DMW-0103-032008 TRB-241-032008	124290 124333	Acetone	LCS /LCSD RPD	30%	37%
Matrix Spike / Matrix Spike Duplicate					
AMW-042-032008 AMW-242-032008	124635	TCE	MS/MSD % REC	80-115%	140% / 120%
BMW-081-032008	124334	Bromomethane	MS/MSD % REC	65-145%	51% / 55%
Linear Calibration Range Exceeded (No dilution and reanalysis)					
AMW-021-032008	124853	TCE	Calibration Range Exceedance	Linear Calibration Range	65 E Report as 65 J

Table 4-2
VOCs Quality Control Outliers
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field Sample ID(s) Requiring Qualification	SDG	Compound	QC Outlier	QC Parameter Control Limit	QC Result
Dilutions and Reanalyses (E flags are not used in completeness percentage when dilution available)					
AMW-009-032008	124813	TCE	Calibration Range Exceedance	Linear Calibration Range	1800 E Report as 2000 D
BMW-009-032008	124813	TCE	Calibration Range Exceedance	Linear Calibration Range	90 E Report as 83 D
DMW-009-032008	124813	TCE	Calibration Range Exceedance	Linear Calibration Range	1100 E Report as1200 D
BMW-021-032008	124853	TCE	Calibration Range Exceedance	Linear Calibration Range	56 E Report as 53 D
BMW-221-032008	124853	TCE	Calibration Range Exceedance	Linear Calibration Range	55 E Report as 52 D
DMW-021-032008	124853	TCE	Calibration Range Exceedance	Linear Calibration Range	300 E Report as 300 D
AMW-024-032008	124895	TCE	Calibration Range Exceedance	Linear Calibration Range	1000 E Report as 980 D
BMW-024-032008	124895	TCE	Calibration Range Exceedance	Linear Calibration Range	95 E Report as 99 D
AMW-044-032008	124333	TCE	Calibration Range Exceedance	Linear Calibration Range	260 E Report as 240 D
AMW-090-032008	124334	TCE	Calibration Range Exceedance	Linear Calibration Range	64 E Report as 65 D
BMW-090-032008	124334	TCE	Calibration Range Exceedance	Linear Calibration Range	220 E Report as 230 D

Note: The samples above were diluted and reanalyzed. The results for TCE should be reported from the dilutions.

Notes:

D = Result from dilution
E = Exceeds Calibration Range
ID = Identification
CCAL = Continuing Calibration
ICAL = Initial Calibration
J = Qualified as estimated
LCS/LCSD = Laboratory Control Sample/Laboratory Control Sample Duplicat
MS/MSD = Matrix Spike/Matrix Spike Duplicate
LCS/LCSD = Laboratory Control Sample/Laboratory Control Sample Duplicat
MS/MSD = Matrix Spike/Matrix Spike Duplicate

%D = Percent Difference
%REC = Percent Recovery
%RSD = Percent Relative Standard Deviation
QC = Quality Control
RPD = relative percent difference
SDG = Sample Delivery Group
TCE = Trichloroethene
µg/L = micrograms per liter
TCE = Trichloroethene
µg/L = micrograms per liter

Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field Sample ID(s) Requiring Qualification	SDG	Compound	QC Outlier	QC Parameter Control Limit	QC Result
Surrogates					
DMW-090-032008	124334	All detected explosive results (1,3-dinitrobenzene nitrobenzene tetryl 4-amino-2,6-dinitrotoluene 2-amino-4,6-dinitrotoluene 2,6-dinitrotoluene)	1,2-Dinitrobenzene % REC	131%	85-130%
Laboratory Control Sample / Laboratory Control Sample Duplicate					
AMW-035-032008 BMW-035-032008 DMW-035-032008 AMW-086-032008 BMW-086-032008 DMW-086-032008 AMW-087-032008 BMW-087-032008 DMW-087-032008 AMW-088-032008 BMW-088-032008 BMW-288-032008 DMW-088-032008 AMW-0116-032008 BMW-0116-032008 DMW-0116-032008	124431	HMX	LCS % REC	85-115%	82%

Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field Sample ID(s) Requiring Qualification	SDG	Compound	QC Outlier	QC Parameter Control Limit	QC Result
Laboratory Control Sample / Laboratory Control Sample Duplicate (continued)					
AMW-0106-032008 BMW-0106-032008 DMW-0106-032008 AMW-0107-032008 BMW-0107-032008 DMW-0107-032008 AMW-0108-032008 BMW-0108-032008 DMW-0108-032008 AMW-0110-032008 BMW-0110-032008 DMW-0110-032008	124432	2-Amino-4,6-dinitrotoluene	LCS % REC	70-115%	68%
AMW-094-032008 BMW-094-032008 BMW-294-032008 DMW-094-032008 AMW-095-032008 BMW-095-032008 DMW-095-032008 AMW-097-032008 BMW-097-032008 DMW-097-032008	124534	HMX 2-Amino-4,6-dinitrotoluene	LCS % REC	85-115% 70-115%	78% 68%

Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field Sample ID(s) Requiring Qualification	SDG	Compound	QC Outlier	QC Parameter Control Limit	QC Result
Laboratory Control Sample / Laboratory Control Sample Duplicate (continued)					
AMW-032-032008 BMW-032-032008 DMW-032-032008 AMW-034-032008 BMW-034-032008 DMW-034-032008 AMW-042-032008 AMW-242-032008 BMW-042-032008 DMW-042-032008 RIN-032-032008 RIN-042-032008	124635	HMX	LCS % REC	85-115%	82%
Matrix Spike / Matrix Spike Duplicate					
BMW-044-032008 BMW-244-032008	124333	4-Amino-2,6-dinitrotoluene	MSD % REC	85-130%	82%
DMW-090-032008	124334	4-Amino-2,6-dinitrotoluene 2-Amino-4,6-dinitrotoluene 2,6-Dinitrotoluene	MS/MSD % REC MS % REC MSD % REC	85-130% 75-120% 75-120%	75% / 62% 70% 65%
AMW-0108-032008	124432	HMX	MSD % REC	85-115%	82%
BMW-0115-032008	124332	HMX	MSD % REC	85-115%	80%

Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field Sample ID(s) Requiring Qualification	SDG	Compound	QC Outlier	QC Parameter Control Limit	QC Result
Other QC (not used to determine analytical completeness or project completeness)					
BMW-006-032008 BMW-008-032008 BMW-210-032008 BMW-021-032008 BMW-024-032008 AMW-042-032008 AMW-242-032008 DMW-042-032008 BMW-055-032008 BMW-255-032008 AMW-062-032008 DMW-088-032008 DMW-0114-032008 DMW-0115-032008	124853 124895 124635 124813 124290 124431 124432	2-Amino-4,6-dinitrotoluene	RPD Between Column Results	<40%	99% 59% 42% 65% 120% 50% 52% 50% 54% 76% 120% 120% 100% 95%
BMW-008-032008 BMW-032-032008 DMW-032-032008 BMW-085-032008 DMW-090-032008	124853 124635 124600 124334	4-Amino-2,6-dinitrotoluene			79% 46% 69% 96% 76%
BMW-021-032008 BMW-221-032008 DMW-090-032008	124853 124334	1,3-Dinitrobenzene			190% 190% 132%
BMW-021-032008 BMW-221-032008	124853	1,3,5-Trinitrobenzene			190% 190%
BMW-021-032008 BMW-221-032008 BMW-024-032008	124853 124895	2,6-Dinitrotoluene			190% 190% 190%
BMW-021-032008 BMW-221-032008	124853	2,4-Dinitrotoluene			200% 190%

Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field Sample ID(s) Requiring Qualification	SDG	Compound	QC Outlier	QC Parameter Control Limit	QC Result
Other QC Continued (not used to determine analytical completeness or project completeness)					
BMW-056-032008	124813	2,4,6-Trinitrotoluene	RPD Between Column Results	<40%	130%
BMW-055-032008 BMW-255-032008 AMW-0112-032008	124813	2-Nitrotoluene			150% 150% 110%
BMW-021-032008 BMW-221-032008	124853	3-Nitrotoluene			200% 200%
DMW-062-032008	124290	4-Nitrotoluene			110%
BMW-021-032008 BMW-221-032008 DMW-090-032008	124853 124334	Nitrobenzene			130% 120% 67%
DMW-090-032008 RIN-008-032008 RIN-031-032008	124334 124853 124895	Tetryl			67% 110% 130%
BMW-008-032008 BMW-024-032008 AMW-029-032008 AMW-229-032008 BMW-032-032008 AMW-054-032008 AMW-056-032008 BMW-085-032008 BMW-285-032008	124853 124895 124534 124635 124813 124600	HMX			44% 52% 98% 100% 62% 71% 99% 67% 67%
BMW-095-032008	124534	RDX			58%

Notes:

HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
ID = Identification
LCS = Laboratory Control Sample
MS = Matrix Spike
MSD = Matrix Spike Duplicate
% REC = Percent Recovery
QC = Quality Control
RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine
RPD = relative percent difference
SDG = Sample Delivery Group

Table 5-1
Field Completeness
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Analysis	Number of Samples Planned[1]	Number of Samples Collected[3]	Field Completeness
Volatile Organic Compounds[2]	125	125	100%
Explosives[2]	131	128	98%
Totals =	256	253	99%
Goal =			95%

Notes:

[1] = Number of samples includes field samples and field duplicate samples.

[2] =MW-36A, MW-36B, and MW-36C scheduled for sampling this quarter could not be sampled. The field team was unable to obtain access for MW-36.

[3] =MW-35A, MW-35B, and MW-35C were only scheduled for explosive analysis. However, the samplers also collected volatiles from these locations. This resulted in three extra samples, but because MW36 was not sampled, the overall completeness for the VOCs remains 100%.

Table 5-2
Analytical Completeness
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Analysis	Total Number of Parameters[1]	Acceptable Data[2]	Acceptable Data Completeness	Acceptable Data Completeness Goals	Quality Data[3]	Quality Data Completeness	Quality Data Completeness Goals
Volatile Organic Compounds	8250	8166	99%	90%	8250	100%	80%
Explosives	1792	1724	96%	90%	1792	100%	80%
Totals =	10042	9890	98%	95%	10042	100%	80%

Notes:

[1] = Total number of parameters includes field samples and field duplicates.

[2] = Acceptable data is defined as data that passed all quality control (QC) criteria, or data that did not pass QC criteria but had appropriate corrective actions taken. Acceptable data completeness is a measure of laboratory contract compliance. R qualified data with acceptable replacement data are not counted.

[3] = Quality data is a measure of the percentage of usable data points (all non-rejected data).

Table 5-3
Project Completeness
First Quarter 2008 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field	Analytical[1]	Project Completeness[2]
99%	100%	99.5%
Project Completeness Goal =		90%

Notes:
[1] = Analytical completeness is the percentage of usable data (i.e. quality data completeness).
[2] = Project completeness combines sampling and analytical protocols to assess the expectations of the project as a whole. Project completeness is determined by comparing the percentage of samples / measurements that are determined to be usable to the total number of samples / measurements planned.

Appendix A
Chain of Custody Records

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

1-2

1st Quarter Sampling Event 2008

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd
Bldg 21 Suite 350 Lakewood, Co 80401
Contact: David Dander 303-
Phone: 303-298-7607
Fax: 303-288-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 2 3 4 5
Custody Seal N Y
Intact N Y
Screened For Radioactivity ☐

Sampler's Name: Ralph Vost
Sampler's Signature: [signature]

Proj. No.: 5403.001
Project Name: Mead - FWOP

ANALYSIS REQUESTED: 8260B (VOA), 8330 (EXP)

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B (VOA)	8330 (EXP)	Lab/Sample ID (Lab Use Only)
W	2-25 2008	09:30		X	BMW-0102-032008	3				X		
W	2/25/08	09:30		X	TRB-2102-032008	2				X		
W	2/25/08	10:05		X	AMW-0102-032008	3				X		
W	2/25/08	10:35		X	DMW-0102-032008	3				X		
W	2/26/08	08:45		X	DMW-0103-032008	3				X		
W	2/26/08	09:15		X	AMW-0103-032008	3				X		
W	2/26/08	09:45		X	BMW-0103-032008	3				X		
W	2/26/08	10:55		X	BMW-099-032008		2				X	
W	2/26/08	1130		X	AMW-099-032008		2				X	
W	2/26/08	1200		X	DMW-099-032008		2				X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/26/08	1730	Fed Ex 8634 7969 0040	2/26/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature) [signature]	Date 2/27/08	Time 1000
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other _____

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TAL-8234(1007)

L-C

1st Quarter Sampling Event 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:	Invoice to:
Company: ECC	Company:
Address: 1746 Cole Blvd	Address:
B10921 Suite 350 Lakewood, CO 80401	
Contact: David Dandur	Contact:
Phone: 303-298-7607	Phone:
Fax: 303-298-7837	Fax:
Contract/ Quote:	

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 2 3 4 5

Custody Seal N (Y)
Intact N (Y)

Screened For Radioactivity ☐

Sampler's Name: Toby D. Hinz
Sampler's Signature: [signature]

Proj. No.: 5403.001
Project Name: Mead - FNOP

No/Type of Containers[2]

ANALYSIS REQUESTED

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B (VOC)	8330 (EXP)	Lab/Sample ID (Lab Use Only)
W	2-26-08	1315		X	DMW-062-032008	3	2			X	X	
W	2-26-08	1355		X	AMW-062-032008	3	2			X	X	
W	2-26-08	1440		X	BMW-062-032008	3	2			X	X	
W	2-26-08	1440		X	BMW-262-032008	3	2			X	X	
~~W~~	~~2-26-08~~			~~X~~	~~BMW-462-032008~~	~~3~~	~~2~~			~~X~~	~~X~~	Toby Hinz
W	2-26-08	1440		X	BMW-062-032008 MS	3	2			X	X	
W	2-26-08	1440		X	BMW-062-032008 MSD	3	2			X	X	

Toby Hinz

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/26/08	1730	FedEx 8634 7969 0040	2/26/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	2/27/08	1000
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

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TAL-8234(1007)

Monitoring Wells.

FNOP

1st Quarter Sampling Event

1-4

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole BLVD, BLDG 21 Su 350
LAKEWOOD, CO 80401
Contact: DAVID DANDER
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N (Y)
Intact N (Y)

Screened For Radioactivity ☐

Sampler's Name: Ralph West
Sampler's Signature: Ralph West

Proj. No.: 5403.001
Project Name: Mead FNOP

ANALYSIS REQUESTED: 8260 B - VOC; 8330 - EXPL

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA	A/G 1 Lt.	250 ml	P/O	8260 B - VOC	8330 - EXPL	Lab/Sample ID (Lab Use Only)
W	2-27 2008	08:50		x	AMW-041-032008	3				X		
W	2-27 2008	09:20		x	BMW-041-032008	3				X		
W	2-27 2008	09:50		x	DMW-041-032008	3				X		
W	2-27 2008	08:50		x	TRB-241-032008	2				X		
W	2-27 2008	11:00		x	BMW-046-032008	3	2			X	X	
W	2-27 2008	11:30		x	AMW-046-032008	3	2			X	X	
W	2-27 2008	12:05		X	DMW-046-032008	3	2			X	X	
W	2-27 2008	12:55		x	DMW-044-032008	3	2			X	X	
W	2-27 2008	13:30		x	AMW-044-032008	3	2			X	X	
W	2-27 2008	14:05		x	BMW-044-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph West	2/29/08	1730	FedEx 8634 7969 0061	2/29/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[illegible]	3/1/08	1130
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

Monitoring 2-4

1st Quarter Sampling Event

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bldg 21 Suite 350
Lakewood, Co. 80401
Contact: David Dunder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest, Toby Kinz
Sampler's Signature: Ralph Vest

Proj. No.: 5403.001
Project Name: Mead FNOP

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B - VOC	8330 - EXPL									Lab/Sample ID (Lab Use Only)
W	2-27 2008	14:05		X	BMW-244-032008	3	2			X	X									
W	2-27 2008	14:05		X	BMW-044-032008MS	3	2			X	X									
W	2-27 2008	14:05		X	BMW-044-032008MSD	3	2			X	X									
W	2-28-08	0855		X	Bmw-0101-032008	3				X										
W	2-28-08	0930		X	Amw-0101-032008	3				X										
W	2-28 08	1010		X	Bmw-0101-032008	3				X										
W	2-28 08	1100		X	Bmw-079-032008	3				X										
W	2-28-08	1135		X	Amw-079-032008	3				X										
W	2-28-08	1135		X	Amw-279-032008	3				X										
~~W~~	~~2/28/08~~	~~1100~~		~~X~~	~~BMW-079-032008~~ (RW)	~~3~~				~~X~~										

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph Vest	2/29/08	1730	Fedex 8634 7969 0061	2/29/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[illegible]	3/1/08	1130
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

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TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

Monitoring Wells: 3-4

FWOP 1st Quarter Sampling Event

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd, Bldg 21 Suite 330
Lakewood, Co. 80401
Contact: David Bender
Phone: 303-298-7607
Fax: 303-298-~~7088~~-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest Toby Diaz
Sampler's Signature:

Proj. No.: 5403.001
Project Name: MEAD - FWOP

ANALYSIS REQUESTED: 8260B (HCL) VOC; 8330 EXP (Ice)

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA	A/G 1 Lt.	250 ml	P/O	8260B (HCL) VOC	8330 EXP (Ice)	Lab/Sample ID (Lab Use Only)
W	2/28/08	1250		X	BMW-080-032008	3				X		
W	2/28/08	1320		X	DMW-080-032008	3				X		
W	2/28/08	1330		X	AMW-080-032008	3				X		
W	2/28/08	1350		X	AMW-280-032008	3				X		
W	2/28/08	1435		X	BMW-092-032008	3				X		
W	2/28/08	1520		X	AMW-092-032008	3				X		
W	2-29 2008	0835		X	DMW-081-032008	3				X		
W	2-29 2008	0905		X	BMW-081-032008	3				X		
W	2-29 2008	0905		X	BMW-081-032008MS	3				X		
W	2-29 2008	0905		X	BMW-081-032008MSD	3				X		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/29/08	1730	FedEx 8634 7969 0061	2/29/08	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	3/1/08	1130
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

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TAL-8234(1007)

Monitor Wells 4-4 1st Quarter Sampling Event FNOP

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bldg 21, Suite 350 Lakewood, Co. 80401
Contact: David Chamberlin
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N (Y)
Intact N (Y)

Screened For Radioactivity ☐

Sampler's Name: Rob West, Toby Hinz
Sampler's Signature: [signature]

Proj. No.: 5463.001
Project Name: MEAD, FNOP

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA	A/G 1 Lt.	250 ml	P/O	8260B (HCL) VOC	8330 EXPL (ICE)									Lab/Sample ID (Lab Use Only)
W	2-29 2008	0935		X	AMW-081-032008	3				X										
W	2-29 2008	10:20		X	BMW-089-032008	3				X										
W	2-29 2008	10:50		X	AMW-089-032008	3				X										
W	2-29 2008	11:20		X	DMW-089-032008	3				X										
W	2-29 2008	12:00		X	BMW-091-032008	3				X										
W	2-29 2008	12:25		X	AMW-091-032008	3				X										
W	2-29 2008	12:50		X	DMW-091-032008	3				X										
W	2-29 2008	13:35		X	BMW-090-032008	3	2			X	X									
W	2-29 2008	14:05		X	AMW-090-032008	3	2			X	X									
W	2-29 2008	15:00		X	DMW-090-032008	3	2			X	X									

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3/29/08	1730	Fedex 8634 7968 0061	3/29/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	3/31/08	1130
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other _____

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

1-3

1st Quarter MW Sampling Event

Mead 5403.001 FNOP

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bldg. 21 Suite 350
Lakewood, Co. 80401
Contact: David Dander
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Sampler's Name: Ralph L Vest
Sampler's Signature: Ralph L Vest

Proj. No.: 5403.001
Project Name: Mead FNOP
No./Type of Containers[2]: (HCL) Ice

ANALYSIS REQUESTED: 8260B (HCL), 8330 (ICE)

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B (HCL)	8330 (ICE)	Lab/Sample ID (Lab Use Only)
W	3/5/08	1320		X	BMW-093-032008	3				X		
W	3/5/08	1320		X	TRB-293-032008	2				X		
W	3/5/08	1350		X	AMW-093-032008	3				X		
W	3/5/08	1505		X	BMW-035-032008	3	2			X	X	
W	3/5/08	1530		X	AMW-035-032008	3	2			X	X	
W	3/5/08	1600		X	DMW-035-032008	3	2			X	X	
W	3/6/08	0905		X	DMW-087-032008	3	2			X	X	
W	3/6/08	0945		X	AMW-087-032008	3	2			X	X	
W	3/6/08	1025		X	BMW-087-032008	3	2			X	X	
W	3/6/08	1150		X	DMW-088-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph L Vest	3/7/08	1730	Fedex 8634 7969 0142	3/7/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				3/10/08	0800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

2-3

1st Quarter Sampling from T.

5403.001 FNOP

CHAIN OF CUSTODY RECORD

Report to:
Company: ERP
Address: 1746 Cole Blvd Bldg 21 Suite 350
Lakewood, Co 80401
Contact: David Dandor
Phone: 303-298 7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph Vest

Proj. No.: 5403.001
Project Name: Mead FNOP
No/Type of Containers[2]: HCl Ice

ANALYSIS REQUESTED: 8260B (HCl), 8330 (Ice)

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B (HCl)	8330 (Ice)	Lab/Sample ID (Lab Use Only)
W	3/6/08	1225		X	AMW-088-032008	3	2			X	X	
W	3/6/08	1305		X	BMW-088-032008	3	2			X	X	
W	3/6/08	1305		X	BMW-088-032008MS	3	2			X	X	
W	3/6/08	1305		X	BMW-088-032008MSD	3	2			X	X	
W	3/6/08	1305		X	DMW-288-032008	3	2			X	X	
W	3/6/08	1425		X	DMW-086-032008		2				X	
W	3/6/08	1505		X	AMW-086-032008		2				X	
W	3/6/08	1540		X	BMW-086-032008		2				X	
W	3/7/08	0920		X	AMW-0116-032008 (1)		2			X	X	VOC 2 Bottles Broken Weather
W	3/7/08	1000		X	DMW-0116-032008 (2)		2			X	X	1 VOC Bottle Broken Weather

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph Vest	3/7/08	1730	FedEx 863479690142	3/7/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				3/10/08	0800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: 2 VOC on AMW-0116-032008 got Broken
1 VOC on DMW-0116-032008 got Broken
Please let us know if Not enough Water

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

3-3 FWOP 1st Quarter MW Sampling Event

CHAIN OF CUSTODY RECORD

Report to:	Invoice to:
Company: ECC	Company:
Address: 1746 Cole Blvd Bldg 21 Suite 350 Lakewood, CO 80401	Address:
Contact: David Pander	Contact:
Phone: 303-298 7607	Phone:
Fax: 303 298 7837	Fax:
Contract/ Quote:	

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 2 3 4 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: [signature]

Proj. No.: 5403.001
Project Name: FWOP Mead
No/Type of Containers²: HCL Ice

ANALYSIS REQUESTED: 8260B (HCL) 8330 (Ice)

Matrix¹	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B	8330	Lab/Sample ID (Lab Use Only)
W	3/7/08	1030		X	BMW-0116-032008	3	2			X	X	
W	3/7/08	1105		X	DMW-0115-032008	3	2			X	X	
W	3/7/08	1135		X	AMW-0115-032008	3	2			X	X	
W	3/7/08	1200		X	BMW-0115-032008	3	2			X	X	
W	3/7/08	1200		X	BMW-2115-032008	3	2			X	X	
W	3/7/08	1200		X	BMW-0115-032008 MS	3	2			X	X	
W	3/7/08	1200		X	BMW-0115-032008 MSD	3	2			X	X	
W	3/7/08	1305		X	AMW-0114-032008	3	2			X	X	
W	3/7/08	1330		X	BMW-0114-032008	3	2			X	X	
W	3/7/08	1330		X	BMW-2114-032008	3	2			X	X	
W	3/7/08	1400		X	DMW-0114-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3/7/08	1730	Fedex 8634 7969 0142	3/7/08	1730
			[signature]	3/10/08	0800

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

3-3 FWOP 1st Quarter MW Sampling Event

CHAIN OF CUSTODY RECORD

Report to:	Invoice to:
Company: EPC	Company:
Address: 1746 Cole Blvd Bldg 21 Suite 330 Lakewood, CO 80401	Address:
Contact: David Pender	Contact:
Phone: 303-298 7607	Phone:
Fax: 303 298 7837	Fax:
Contract/ Quote:	

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph Vest

Proj. No.: 5403.001
Project Name: FWOP Mead
No/Type of Containers²: HCL Tec

ANALYSIS REQUESTED: 8260B (HCL), 8330 (Tec)

Matrix¹	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B (HCL)	8330 (Tec)	Lab/Sample ID (Lab Use Only)
W	3/7/08	1630		X	BMW-0116-032008	3	2			X	X	
W	3/7/08	1105		X	DMW-0115-032008	3	2			X	X	
W	3/7/08	1135		X	AMW-0115-032008	3	2			X	X	
W	3/7/08	1200		X	BMW-0115-032008	3	2			X	X	
W	3/7/08	1200		X	BMW-2115-032008	3	2			X	X	
W	3/7/08	1200		X	BMW-0115-032008 MS	3	2			X	X	
W	3/7/08	1200		X	BMW-0115-032008 MSD	3	2			X	X	
W	3/7/08	1305		X	AMW-0114-032008	3	2			X	X	
W	3/7/08	1330		X	BMW-0114-032008	3	2			X	X	
W	3/7/08	1330		X	BMW-2114-032008	3	2			X	X	
W	3/7/08	1400		X	DMW-0114-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph Vest	3/7/08	1730	Fedex 8634 7968 0142	3/7/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				3/10/08	0800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

1Q2008 MW Sampling event

153 QSE

CHAIN OF CUSTODY RECORD

Report to:
Company: ECL / ~~[illegible]~~
Address: 1746 Cole Blvd Bldg 21 S350
Lakewood, CO 80401
Contact: David Dunder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/Quote: Mead NOP 5403.001

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 2 3 4 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Sampler's Name: Toby Hinz
Sampler's Signature: [signature]

Proj. No.: 5403-001
Project Name: Mead FNOP

ANALYSIS REQUESTED: 8260 B (HCL) / 8330 (ICP)

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260 B (HCL)	8330 (ICP)	Lab/Sample ID (Lab Use Only)
W	3-10-08	1155		X	AMW-0108-032008	3	2			X	X	
W	3-10-08	1155		X	AMW-0108-032008 MS	3	2			X	X	
W	3-10-08	1155		X	AMW-0108-032008 MSD	3	2			X	X	
W	3-10-08	1245		X	BMW-0108-032008	3	2			X	X	
W	3-10-08	1310		X	DMW-0108-032008	3	2			X	X	
W	3-10-08	1425		X	BMW-0106-032008	3	2			X	X	
W	3-10-08	1500		X	AMW-0106-032008	3	2			X	X	
W	3-10-08	1535		X	DMW-0106-032008	3	2			X	X	
W	3-11-08	0905		X	AMW-0107-032008	3	2			X	X	
W	3-11-08	0940		X	DMW-0107-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Toby Hinz	3/12/08	1500	Sent FedEx 863470690234		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	3/13/08	0930
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

1Q2008 MW Sampling event

1st QSE

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd. Bldg. 21 Suite 350
Lakewood, CO 80401
Contact: David Bader
Phone: 303-298-7607
Fax: 303-298-7837
Contract/Quote: Mead NOP 5403.001

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Toby D Hiz
Sampler's Signature: T. H

Proj. No.: 5403-001
Project Name: Mead PNOP

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B	8330 (CHCL3) (ZCEE)	Lab/Sample ID (Lab Use Only)
W	3-11-08	1015		X	B mw-0107-032008	3	2			X	X	
W	3-11-08	1120		X	A mw-0110-032008	3	2			X	X	
W	3-11-08	1155		X	B mw-0110-032008	3	2			X	X	
W	3-11-08	1230		X	D mw-0110-032008	3	2			X	X	
W	3-10-08	1155		X	TRB-2108-032008	2				X		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Remarks
[signature]	3/12/08	1500	FedEx 8634 7969 0234			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
[signature]			[signature]	3/13/08	0930	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

1 of 2

FNOP 1st QSE

CHAIN OF CUSTODY RECORD

Report to:	Invoice to:
Company: ECC	Company:
Address: 1746 Cole Blvd. Bldg-11 Suite 350 Lakewood, CO 80401	Address:
Contact: David Dauda	Contact:
Phone: 303-298-7607	Phone:
Fax: 303-298-7837	Fax:
Contract/ Quote:	

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Toby D. Hinz
Sampler's Signature: T-[signature]

Proj. No.: 5403-001
Project Name: Mead FNOP
No/Type of Containers[2]: (ICE)

ANALYSIS REQUESTED: 8330 EXP (ICE)

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8330 EXP (ICE)	Lab/Sample ID (Lab Use Only)
W	3-14-08	1005		X	BMW-094-032008 MS		2			X	
W	3-14-08	1005		X	BMW-094-032008 MSD		2			X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Toby D. Hinz	3-14-08	1200	8634-7969-0267	3-14-08	1200
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	3/15/08	1030
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

2 of 2

FNOP 1st QSE

CHAIN OF CUSTODY RECORD

Report to:	Invoice to:
Company: ECC	Company:
Address: 1746 Cole Blvd, Bldg 21 Suite 350, Lakewood, CO 80401	Address:
Contact: David Dander	Contact:
Phone: 303-298-7607	Phone:
Fax: 303-298-7837	Fax:
Contract/ Quote:	

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Toby D. Hiz
Sampler's Signature:

Proj. No. 5403-001
Project Name: Mead FNOP

ANALYSIS REQUESTED: 8330 EXP (ICE)

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA	A/G 1 Lt. (ICE)	250 ml	P/O	8330 EXP (ICE)	Lab/Sample ID (Lab Use Only)
W	3-13-08	1240		X	Dmw-095-032008		2			X	
W	3-13-08	1200		X	Bmw-095-032008		2			X	
W	3-13-08	1130		X	Amw-095-032008		2			X	
W	3-13-08	1025		X	Dmw-097-032008		2			X	
W	3-13-08	0935		X	Amw-097-032008		2			X	
W	3-13-08	0905		X	Bmw-097-032008		2			X	
W	3-14-08	0855		X	Dmw-094-032008		2			X	
W	3-14-08	0930		X	Amw-094-032008		2			X	
W	3-14-08	1005		X	Bmw-294-032008		2			X	
W	3-14-08	1005		X	Bmw-094-032008		2			X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Toby D. Hiz	3-14-08	1200	8634-7969-0267	3-14-08	1200
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				3/15/08	1030
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

FNOP MW Sampling 1st Quarter 2008

1-2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660.1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd, Bldg 21 Suite 350
Lakewood, Co. 80401
Contact: David Dander
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph Vest

Proj. No.: 5403.001
Project Name: FNOP - MEAD
No/Type of Containers²: HCL Ice

ANALYSIS REQUESTED: 8260B (HCL), 8330 (ICE)

Matrix¹	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B (HCL)	8330 (ICE)	Lab/Sample ID (Lab Use Only)
W	3/18/08	09/10		X	BMW-085-032008		2			X		
W	3/18/08	09/10		X	BMW-085-032008 ms		2			X		
W	3/18/08	09/10		X	BMW-085-032008 msD		2			X		
W	3/18/08	09/10		X	BMW-285-032008		2			X		
W	3/18/08	0950		X	AMW-085-032008		2			X		
W	3/18/08	1020		X	DMW-085-032008		2			X		
W	3/19/08	11/10		X	AMW-029-032008		2			X		
W	3/19/08	11/10		X	AMW-829-032008		2			X		
W	3/18/08	1145		X	BMW-029-032008		2			X		
W	3/18/08	1505		X	BMW-083-032008		2			X		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph Vest	3/19/08	1730	Fedex 8634 7969 0289	3/19/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				3/20/08	1000
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

FNOP MW Sampling 1st Quarter 2008

2-2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd, Bldg 21 Suite 350
Lakewood, CO. 80401
Contact: David Dawder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph Vest

Proj. No.: 5403.101
Project Name: FNOP - Mead

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B (HCL)	8330 (ICE)	Lab/Sample ID (Lab Use Only)
W	3/18/08	1535		X	DMW-083-032008		2				X	
W	3/18/08	1600		X	AMW-083-032008		2				X	
W	3/19/08	0905		X	DMW-082-032008		2				X	
W	3/19/08	0935		X	AMW-082-032008		2				X	
W	3/19/08	1005		X	BMW-082-032008		2				X	
W	3/19/08	1140		X	AMW-0116-032008	3				X		
W	3/19/08	1140		X	TRB-2116-032008	2				X		
W	3/19/08	1255		X	AMW-038-032008	3	2			X	X	
W	3/19/08	1335		X	BMW-038-032008	3	2			X	X	
W	3/	1430		X	RIW-038-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph L. Vest	3/19/08	1730	FedEx 8634 7969 0289	3/19/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				3/20/08	1000
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

FNOP MW Sampling 1st Quarter 2008

1-2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd, Bldg 21 Suite 350
Lakewood, Co. 80401
Contact: David Dander
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Analysis Requested: 8260B (HCL), 8330 (ICE)

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph Vest

Proj. No.: 5903.001
Project Name: FNOP - MEAD
No/Type of Containers²: HCL Ice

Matrix¹	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O			Lab/Sample ID (Lab Use Only)
W	3/18/08	09/10		X	BMW-085-032008		2				X	
W	3/18/08	09/10		X	BMW-085-032008 ms		2				X	
W	3/18/08	09/10		X	BMW-085-032008 msD		2				X	
W	3/18/08	09/10		X	BMW-285-032008		2				X	
W	3/18/08	09/50		X	AMW-085-032008		2				X	
W	3/18/08	10/20		X	DMW-085-032008		2				X	
W	3/18/08	11/10		X	AMW-029-032008		2				X	
W	3/18/08	11/10		X	AMW-829-032008		2				X	
W	3/18/08	11/45		X	BMW-029-032008		2				X	
W	3/18/08	13/05		X	BMW-083-032008		2				X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph Vest	3/19/08	1730	Fedex 863479690289	3/19/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[illegible]	3/20/08	1000
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks
COPY - ORIGINAL ON FILE
SDG # 124534 ETR # 124599

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

FNOP MW Sampling 1st Quarter 2008

2-2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd, Bldg 21 Suite 350
Lakewood, CO. 80401
Contact: David Dander
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph Vest

Proj. No.: 5403.001
Project Name: FNOP - Mead

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt. (HCL)	250 ml (Ice)	P/O	8260B (HCL)	8330 (Ice)	Lab/Sample ID (Lab Use Only)
W	3/18/08	1535		X	DMW-083-032008		2				X	
W	3/18/08	1600		X	AMW-083-032008		2				X	
W	3/19/08	0905		X	DMW-082-032008		2				X	
W	3/19/08	0935		X	AMW-082-032008		2				X	
W	3/19/08	1005		X	BMW-082-032008		2				X	
W	3/19/08	1140		X	AMW-0116-032008	3				X		
W	3/19/08	1140		X	TRB-2116-032008	2				X		
W	3/19/08	1255		X	AMW-038-032008	3	2			X	X	
W	3/19/08	1335		X	BMW-038-032008	3	2			X	X	
W	3/	1430		X	RIW-038-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph Vest	3/19/08	1730	FedEx 8634 7969 0284	3/19/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				3/20/08	1000
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks
COPY - ORIGINAL ON FILE
SDG # 124534 ETE # 124594

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

1-2

1st Quarter Sampling Event MW 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd, Bldg 21 Suit 350
Lakewood, CO. 80401
Contact: David Dunder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Sampler's Name: Ralph Vest
Sampler's Signature: [signature]

Proj. No.: 5403.001
Project Name: FNOP Mead

ANALYSIS REQUESTED: 8260B (HCL) 8330 (Ice)

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N/Y
Intact N/Y
Screened For Radioactivity ☐

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] HCL VOA	A/G 1 LL (Ice)	250 ml	P/O	8260B (HCL)	8330 (Ice)	Lab/Sample ID (Lab Use Only)
W	3/20/08	0910		X	AMW-042-032008	3	2			X	X	
W	3/20/08	0910		X	AMW-242-032008	3	2			X	X	
W	3/20/08	0910		X	AMW-042-032008 MS	3	2			X	X	
W	3/20/08	0910		X	AMW-042-032008 MSD	3	2			X	X	
W	3/20/08	1100		X	BMW-042-032008	3	2			X	X	
W	3/20/08	1215		X	DMW-042-032008	3	2			X	X	
W	3/20/08	1325		X	BMW-034-032008	[illegible]	2				X	
W	3/20/08	1415		X	DMW-034-032008		2				X	
W	3/20/08	1510		X	AMW-034-032008		2				X	
W	3/21/08	0845		X	AMW-032-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3/21/08	1500	Fedex 8634 7969 0326	3/21/08	1500
Relinquished by: (Signature)	Date	Time	Received by: (Signature) [signature]	Date 3/22/08	Time 0930
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

2-2 FNOP 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

1st Quarter MW Sampling Event

CHAIN OF CUSTODY RECORD

Report to:	Invoice to:
Company: ECC	Company:
Address: 1746 Cole Blvd, Bldg 21 Suite 350 Lakewood, Co. 80401	Address:
Contact: David Pender	Contact:
Phone: 303-298-7607	Phone:
Fax: 303-298-7837	Fax:
Contract/ Quote:	

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N (Y)
Intact N (Y)

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: [signature]

Proj. No.: 5403.001
Project Name: FNOP, Mead
No/Type of Containers²: HCl, (ICE)

ANALYSIS REQUESTED: 8260B HCL, 8330 ICE

Matrix¹	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B HCL	8330 ICE	Lab/Sample ID (Lab Use Only)
W	3/21/08	0915		X	RIW-032-032008	3	2			X	X	
W	3/21/08	0920		X	BMW-032-032008	3	2			X	X	
W	3/21/08	1005		X	DMW-032-032008	3	2			X	X	

[signature]

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3/21/08	1500	Fedex 863479690326	3/21/08	1500
Relinquished by: (Signature)	Date	Time	Received by: (Signature) [signature]	Date 3/22/08	Time 0930
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660.1990

FNOP

1st Quarter Sampling Event

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bldg 21 Suite 350
Lakewood, CO 80401
Contact: John Ryder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph L. Vest

Proj. No.: 5403.001
Project Name: FNOP

Analysis Requested: 8260B (HCL) 4°C; 8330

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA (HCL)	A/G 1 Lt. 4°C	250 ml	P/O	8260B (HCL)	8330 4°C	Lab/Sample ID (Lab Use Only)
W	4/1/08	0855		X	BMW-0112-032008	3	2			X	X	
W	4/1/08	0855		X	BMW-2112-032008	3	2			X	X	
W	4/1/08	0855		X	BMW-0112-032008 MS	3	2			X	X	
W	4/1/08	0855		X	BMW-0112-032008 MSD	3	2			X	X	
W	4/1/08	0950		X	AMW-0112-032008	3	2			X	X	
W	4/1/08	1130		X	BMW-0113-032008	3	2			X	X	
W	4/1/08	0855		X	TRB-2112-032008	2				X		Trip Blank.
W	4/1/08	1020		X	RIN-0112-032008	3	2			X	X	
W	4/1/08	1205		X	DMW-0113-032008	3	2			X	X	
W	4/1/08	1240		X	AMW-0113-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph L. Vest	4/2/08	1730	Fedex 8634 7969 0418	4/2/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				4/3/08	0945
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

2-2 FNOP 1st Quarter Sampling Event

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bldg 21 Suite 330
Lakewood, CO 80401
Contact: John Ryder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph L. Vest

Proj. No.: 5403.001
Project Name: FNOP

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA (HCL)	A/G 1 Lt. 4°C	250 ml	P/O	8260B (HCL)	6330 (4°C)	Lab/Sample ID (Lab Use Only)
W	4/1/08	13:50		X	AMW-009-032008	3				X		
W	4/1/08	14:20		X	BMW-009-032008	3				X		
W	4/1/08	14:55		X	DMW-009-032008	3				X		
W	4/2/08	09:35		X	BMW-054-032008	3	2			X	X	
W	4/2/08	10:10		X	AMW-054-032008	3	2			X	X	
W	4/2/08	10:45		X	RIN-054-032008	3	2			X	X	
W	4/2/08	11:50		X	BMW-055-032008	3	2			X	X	
W	4/2/08	11:50		X	BMW-255-032008	3	2			X	X	
W	4/2/08	12:30		X	AMW-055-032008	3	2			X	X	
W	4/2/08	13:20		X	BMW-056-032008	3	2			X	X	
W	4/2/08	13:55		X	AMW-056-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph L. Vest	4/2/08	1730	Fed Ex 863479690418	4/2/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				4/3/08	0945
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

FNOP
Monitoring Wells

2008
1st Quarter Sampling Event

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bldg 21 Suite 330
Lakewood, CO 80401
Contact: John Ryder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph L. Vest

Proj. No.: 5403.001
Project Name: FNOP

Analysis Requested: 8260B (HCL) 6330 (4C)

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N (Y)
Intact N (Y)
Screened For Radioactivity ☐

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA (HCL)	A/G 1 Lt. (4C)	250 ml	P/O	8260B	6330	Lab/Sample ID (Lab Use Only)
W	4/3/08	0935		X	BMW-021-032008	3	2			X	X	
W	4/3/08	0935		X	BMW-221-032008	3	2			X	X	
W	4/3/08	0935		X	BMW-021-032008MS	3	2			X	X	
W	4/3/08	0935		X	BMW-021-032008MSD	3	2			X	X	
W	4/3/08	0935		X	TRB-221-032008	2				X		
W	4/3/08	1100		X	RIN-021-032008	3	2			X	X	
W	4/4/08	0935		X	AMW-008-032008	3	2			X	X	
W	4/4/08	0900		X	BMW-008-032008	3	2			X	X	
W	4/4/08	0920		X	RIN-008-032008	3	2			X	X	
W	4/4/08	1030		X	AMW-021-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph L. Vest	4/4/08	1800	Fed Ex 863479690451	4/4/08	1800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[illegible]	4/5/08	0940
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

1st Quarter MW Sampling
Event Mead FWOP 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660.1990 Monitoring Wells

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Bvld Bldg 21 Suite 350
Lakewood, Co 80401
Contact: John Ryder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: [signature]

Proj. No.: 5403-001
Project Name: Mead - FWOP

ANALYSIS REQUESTED: 8260 B (HCL) 8330 IRE 4 PC

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] (HCL) VOA	(Ice) A/G 1 Lt.	250 ml	P/O	8260 B (HCL)	8330 IRE 4 PC										Lab/Sample ID (Lab Use Only)
W	4/4/08	1105		X	DMW-021-032008	3	2			X	X										
W	4/4/08	1155		X	BMW-003-032008	3	2			X	X										
W	4/4/08	1235		X	AMW-003-032008	3	2			X	X										
W	4/4/08	1330		X	BMW-025-032008		2				X										
W	4/4/08	1410		X	AMW-025-032008		2				X										
W	4/4/08	1510		X	BMW-006-032008		2				X										
W	4/4/08	1540		X	AMW-006-032008		2				X										

210

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	4/4/08	1800	8634796 9 0451	4/4/08	1800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	4/5/08	0940
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

1st Quarter Monitoring Wells Sampling Event FNOP

1-3 Final Shippment Monitoring Well Event

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660.1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bldg 21 Suite 350
Lakewood, Co 80401
Contact: John Ryder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Sampler's Name: Ralph Vest
Sampler's Signature: [signature]

Proj. No.: 5403.001
Project Name: MEAD - FNOP

ANALYSIS REQUESTED: 8260B (HCL) 8330 (ICE) 4°C

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA (HCL)	A/G 1 Lt. (ICE)	250 ml	P/O	8260B	8330	Lab/Sample ID (Lab Use Only)
W	4/7/08	0925		X	BMW-010-032008	3	2			X	X	
W	4/7/08	0925		X	BMW-210-032008	3	2			X	X	
W	4/7/08	0925		X	BMW-010-032008 MS	3	2			X	X	
W	4/7/08	0925		X	BMW-010-032008 MSD	3	2			X	X	
W	4/7/08	1050		X	AMW-010-032008	3	2			X	X	
W	4/7/08	0925		X	TRB-210-032008	2				X		
W	4/7/08	1120		X	RIN-010-032008	3	2			X	X	
W	4/7/08	1215		X	BMW-024-032008	3	2			X	X	
W	4/7/08	1250		X	AMW-024-032008	3	2			X	X	
W	4/7/08	1350		X	AMW-015-032008	3	~~2~~ RVD			X	~~2~~ RVD	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	4/8/08	1830	Fed Ex 8634 7969 0489	4/8/08	1830
			[signature]	4/9/08	0930

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

1st Quarter Monitoring Wells Sampling Event FNOP 2008

2-3 Final Shipment Monitoring Well Event.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bldg 21 Suite 350
Lakewood, Co 80401
Contact: John Ryder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Sampler's Name: Ralph Vest
Sampler's Signature: [signature]

Proj. No.: 5403.001
Project Name: MEAD - FNOP

ANALYSIS REQUESTED: 8260B (HCL) 8330 (ICE) 4°C

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA (HCL)	A/G 1 Lt. (ICE)	250 ml	P/O	8260B	8330	Lab/Sample ID (Lab Use Only)
W	4/7/08	1455		X	AMW-018-032008	3	2			X	X	
W	4/7/08	1535		X	BMW-018-032008	3	2			X	X	
W	4/7/08	1610		X	CMW-018-032008	3	2			X	X	
W	4/8/08	0945		X	BMW-031-032008	3	2			X	X	
W	4/8/08	0945		X	BMW-231-032008		2				X	
W	4/8/08	1035		X	AMW-031-032008	3	2			X	X	
W	4/8/08	1220		X	AMW-028-032008		2				X	
W	4/8/08	1300		X	BMW-028-032008		2				X	
W	4/08/08	1345		X	DMW-028-032008		2				X	
W	4/08/08	1108		X	RIN-031-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	4/8/08	1830	Fed E 8634 7969 0484	4/8/08	1830
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date 4/9/08	Time 0930
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660.1990

3-3 1ST Quarter Monitoring Wells Sampling Event FNOP

Final Shipment Monitoring Well Sampling Event

CHAIN OF CUSTODY RECORD

Report to:	Invoice to:
Company: ECC	Company:
Address: 1746 Cole Blvd Bldg 21 Suite 350 Lakewood, Co 80401	Address:
Contact: John Ryder	Contact:
Phone: 303-298-7607	Phone:
Fax: 303-298-7837	Fax:
Contract/ Quote:	

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph Vest

Proj. No. 5403.001
Project Name: MEAD - FNOP

ANALYSIS REQUESTED: 8260B (HCL) 8330 (TCL) 4°C

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA (HCL)	A/G 1 Lt. (Tcl)	250 ml	P/O	8260B	8330	Lab/Sample ID (Lab Use Only)
W	4/8/08	1540		X	BMW-064-032008	3	2			X	X	
W	4/8/08	1540		X	BMW-264-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph Vest	4/8/08	1830	Fed Ex 8634-7969 0484	4/8/08	1830
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[illegible]	4/9/08	0930
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

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Appendix B
Field Forms

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February 25th 2008 1st Qtr Sampling Event
(ASW) RALPH VEST - TOBY HINZ - ERIK WAUS

MW-102B RV/TH/EW Project 5403.001
IDTW 39.54 Settime: 0900 START TIME: 09:05
2" Well w/ Dedicated Bladder Pump
BMW-0102-032008 ~~2 Exp~~ 3VOA
Sample Time: 09:30 SAMPLES TAKEN 3 VOA

LAST READING	FR	DTW	PH	TEMP
	500	39.58	6.60	10.73

COND	TURB	REDOX	DO	
.471	1.0	262.3	2.50	No Contaminant

TRIP BLANK - TRB-0102-032008 09:30
2 VOA's Time 0930

MW-102A (ASW) TH, EW, RV Project 5403.001
IDTW 39.85 settime 0940 Starttime 0945
2" well w/dedicated Pump
AMW-0102-032008 3VOA
Sample Time 1005 Samples Taken 3 VOC.

Last Reading	FR	DTW	PH	Temp
	500	39.91	6.98	10.85

Cond	Turb.	Redox	D.O.	Purgewater
.681	8.6	71.0	.67	NO Contaminant

MW-102D ASW Toby Hinz, Erik Waus Ralph Vest Project 5403.001
IDTW 38.91 settime 1010 Starttime 1015
2" Well w/dedicated Bladder Pump.
DMW-0102-032008 3VOC
Sample Time 1035 Samples Taken 3VOA

Last Reading	FR	DTW	PH	Temp
	500	39.20	6.98	10.68

Cond	Turb.	Redox	D.O.
.662	16.28	-32.5	.56

Mead FNOP

February 26th 2008 1st Quarter Sampling Event

MW-103D (ASW) Erik Weiss, Toby Hinz, Ralph Vest
Project 5403.001 IDTW 44.25 Settime 0820
Start Time 0825 2" Well w/dedicated Bladder Pump
DMW-0103032008 3voc Sample Time 0845
Sample Taken 3voc

Last Reading	FR	DTW	PH	Temp
	500	45.54	7.07	10.21

Cond.	Turb	Redox	D.O.	Total Depth
.977	3.62	18.0	.74	138.19'

MW 103A (ASW) EW, TH, RV. Project 5403.001
IDTW 45.17 Settime 0850 Starttime
0855 2" Well w/dedicated Bladder Pump
AMW-0103-032008 3voc Sample Time 0915
Sampler Taken 3 voc

Last Reading	FR	DTW	PH	Temp
	500ml	45.23	7.02	9.74

Cond	Redox	D.O.	Turb.	Total Depth
.719	78.0	.49	5.67	128.41

MW 103B (ASW) TH, EW, RV. Project 5403.001
IDTW 44.45 Settime 0920 Starttime 0925
2" Well w/dedicated Bladder Pump
BMW-0103-032008 3voc Sample Time 0945
Samples Taken 3voc

Last Reading	FR	DTW	PH	Temp
	500ml	44.45	6.77	10.16

Cond	Turb	Redox	D.O.	Total Depth
.508	2.16	110.4	3.78	~~128.41'~~ 62.28'

Mead FNOP

Feb. 26th 2008 1st Quarter Sampling Event

MW-99B EW, RV, TH, ASW Project 5403.001
IDTW 73.74 Settime 1030 Starttime 1035
2" well w/dedicated Bladder Pump Sample Time 1055
BMW-099-032008 2 EXP Samples Taken 2 EXP.

Last Reading	FR	DTW	PH	Temp
	500ml	73.72	6.80	10.39

Cond	Turb	Redox	D.O.	Total Depth	Purge water
.508	1.50	142.0	6.23	87.00	2½ gal

MW 99A TH, RV, EW, ASW Project 5403.001
IDTW 73.56 Settime 1105 Starttime 1105
2" well with dedicated Bladder Pump Sample time 1130
AMW-099-032008 2 Exp Samples taken. Purge water 2½ gal

Last Readings	FR	DTW	PH	Temp
	500ml	73.57	6.92	10.35

Cond.	Turb.	Redox	D.O.	Total depth
.701	34.50	147.2	3.14	113.28

MW 99D TH, EW, RV ASW Project 5403.001
IDTW 73.33 Settime 1140 Starttime 1140
2" well with dedicated Bladder Pump sample time 1205
DMW-099-032008 2 Explosives Taken.

Last Reading	FR	DTW	PH	Temp
	500ml	73.38	6.89	10.41

Cond.	Turb.	Redox.	D.O.	Total depth	Purge water contained
.692	3.21	109.1	.692	126.34	2½ gal

Toby Hinz

2-26-08

Feb 26 2008 First Quarter Samples

MW-62D Erik Weiss, Toby Hinz, Ralph Vest
Project 5403-001 IDTW 4.75 set time 1250
start time 1250 2" well w/ded. Pump.
DMW-062-032008 2 Exp / 3 VOC Sample Time 1315
Last Reading FR DTW PH Temp. Cond.
500 ml 4.78 7.00 10.06 2.051
Turb Redox D. O. Total depth
.16 68 .36 52.62

MW-62A Erik Weiss, Toby D. Hinz, Ralph Vest
Project 5403-001 IDTW 4.55 Set time 1330
start time 13.30 2" well w/ded. Pump.
AMW-062-032008 2 Exp / 3 VOC's sample time 1355
FR DTW PH Temp. Cond. Turb.
500 ml. 4.55 7.01 9.43 1.118 .68
Redox DO Total Depth
121 .63 39.69

MW-62B Ew, TH, RV Project 5403.001
IDTW 39.69 Set time 1412 start time 1415
Sampled 1440 → 2" well w/ Dedicated Pump BMW-062-032008
BMW-262-032008 / BMW-462-032008 / BMW-062-032008 MS
BMW-062-032008 MSD 10 EXP / 15 VOC'S

FR DTW PH Temp Cond Turb.
500 4.40 6.97 9.58 1.366 .41
Redox D.O. Total Depth
42.8 .48 26.98

Feb 27 2008 First Qtr Sampling Event FNOP
(ASW) Erik Weiss, Toby Hinz, Ralph Vest

MW-41A Erik Weiss, Toby Hinz, Ralph Vest
Project 5403.001 IDTW 41.10 Set Time: 08:26
Start Time: 08:30 2" well w/ dedicated bladder Pump
AMW-041-032008 3 VOC
Sample Time: 08:50 Samples Taken 3 VOCs
Last Readings: FR DTW pH TEMP
500 ml/min 41.14' BTOC 7.00 10.97
COND. TURB REDOX D.O. TOTAL DEPTH
.585 0.45 -17.9 0.48 84.36' BTOC

MW-41B ERIK WEISS, TOBY HINZ
Project 5403.001 IDTW: 41.14 SET TIME: 08:56 START TIME: 09:00
2" well w/ dedicated QED Bladder Pump
BMW-041-032008 3 VOC
SAMPLE TIME: 09:20 Samples TAKEN: 3 VOC's
LAST READINGS: FR DTW pH TEMP
500 ml/min 41.14' BTOC 6.76 10.58
COND. TURB REDOX D.O. TOTAL DEPTH:
1.083 0.21 97.1 8.90 49.55' BTOC

MW-41D ERIK WEISS, TOBY HINZ
Project # 5403.001 IDTW: 41.18 SETTIME: 09:24 START TIME: 09:26
2" well w/ Dedicated QED Bladder Pump
DMW-041-032008 3 VOC
SAMPLE TIME: 09:50 Samples Taken: 3 VOC
LAST READINGS: FR DTW pH TEMP
500 ml/min 41.23' BTOC 7.01 11.34
COND. TURB REDOX D.O. TOTAL DEPTH:
0.583 0.22 -20.7 0.30 95.25' BTOC

TRIP BANK
TRB-241-032008
08:50

2-27-08

February 27-2008 First Qtr Sampling Event FNOP
(ASW) ERIK WAISS, Toby Hinz

MW-46B ERIK WAISS, TOBY HINZ Project 5403.001
IDTW: 4.09 SETTIME: 10:35 START TIME: 10:40
2" Well w/Dedicated QED Bladder Pump
BMW-046-032008 3VOC 2EXP
SAMPLE TIME: 11:00 Samples Taken: 3VOC 2EXP

LAST READINGS	FR:	DTW:	pH	TEMP
	500mL/min	4.09'BTOC	6.66	11.43

COND.	TURB	REDOX	D.O.	TOTAL DEPTH
.458	Ø.49	78.2	2.11	33.75 BTOC

MW-46A
IDTW 3.96 SETTIME: 11:07 START TIME: 11:10
2" Well w/Dedicated QED Bladder Pump
AMW-046-032008 3 VOC 2 EXP
SAMPLE TIME: 11:30 Samples Taken: 3VOC 2EXP

LAST READINGS	FR:	DTW:	pH:	TEMP:
	500mL/min	4.10	6.80	11.07

COND	TURB	REDOX	D.O.	TOTAL DEPTH
0.487	20.5	84.5	1.27	46.00' BTOC

MW-46D
IDTW 3.91 SETTIME: 11:40 STARTTIME: 11:45
2" WELL W/ DEDICATED QED BLADDER PUMP
DMW-046-032008 3VOC 2EXP
SAMPLE TIME: 12:05 SAMPLES TAKEN: 3 VOC 2EXP

LAST READING:	FR:	DTW	pH:	TEMP
	500mL/min	4.09'BTOC	6.77	10.87

COND	TURB	REDOX	D.O.	TOTAL DEPTH
0.439	17.2	2.1	Ø.31	61.00

Landowner Gene Kressac stopped by at 11:35 to Voice Concern about missing payment for well Lease. RALPH VEST (ASW) has Contacted David Dander (GEI)

February 27-2008 First Qtr Sampling Event FNOP
(ASW) ERIK WAISS, TOBY HINZ

MW-44D Erik Waiss, Toby Hinz Project 5403.001
IDTW: 9.10 SETTIME: 12:30 STARTTIME: 12:35
2" well w/Dedicated QED Bladder Pump
DMW-044-032008 3 VOC 2 EXPL.
SAMPLE TIME: 12:55 Samples Taken 3 voc 2EXP.

Last Readings	FR:	DTW	pH	TEMP
	500mL/min	8.99'BTOC	7.00	11.65

COND	TURB	REDOX	D.O.	TOTAL DEPTH
0.687	Ø.26	78.7	Ø.28	58.45

MW-44A ERIK WAISS, TOBY HINZ Project #5403.001
IDTW: 10.04 SETTIME: 13:04 STARTTIME: 13:10
2" Well w/Dedicated QED Bladder Pump
AMW-044-032008 3 VOC 2 EXP
Sample Time: 13:30 Samples Taken: 3 VOC 2EXP

Last Reading:	FR:	DTW	pH	TEMP
	500mL/min	10.06	6.87	11.74

COND	TURB	REDOX	D.O.	TOTAL DEPTH
Ø.670	Ø.22	90.7	5.87	42.16

MW-44B Erik Waiss, Toby Hinz Project #5403.001
IDTW: 10.27 SETTIME: 13:43 STARTTIME: 13:45
2" Dedicated Well w/ QED BladderPump BMW-444-032008 3VOC 2EXP
BMW-044-032008 3VOC 2EXP BMW-244-032008 3VOC 2EXP
BMW-044-032008MS 3VOC 2EXP BMW-044-032008MSD 3VOC 2EXP
Sample Time: 14:05 Samples Taken: ~~12VOC 8EXP~~ 15VOC 10EXP

Last Readings:	FR	DTW	pH	TEMP
	500mL/min	15.08	6.71	11.78

COND	TURB	REDOX	D.O.	TOTAL DEPTH
0.339	Ø.08	90.6	0.72	

2-27-2008

February - 28 - 2008 1st Quarter Sampling Event
(ASW) Toby Hinz, Ralph Vest, Pat Reynoldson.

MW-101D TH, PR, RV Project 5403.001
IDTW 9.08 Settime 0830 Starttime 0835
2" Well w/dedicated QED Bladder Pump
DMW-0101-032008 3voc
Sample Time 0855 Sample Taken 3voc

Last Reading	FR	DTW	PH	Temp
	500ml	9.13	6.85	10.79

Cond.	Turb.	Redox	DO.	Total Depth
.519	3.60	1.6	1.65	97.92

MW-101A Toby Hinz Pat Reynoldson Ralph Vest (ASW)
IDTW 9.05 Settime 0905 Starttime 0910
2" well w/dedicated QED Bladder Pump. Project 5403.001
AMW-0101-032008 3voc
Sample Time 0930 Sample Taken 3voc

Last Reading	FR	DTW	PH	Temp
	500ml	9.14	7.08	10.77

Cond.	Turb.	Redox	DO	Total Depth.
.597	3.84	5.10	.48	84.85

MW-101B ASW TH, RV, PR. Project 5403.001
IDTW 8.75 Settime 0945 Starttime 0950
2" Well w/dedicated QED Bladder Pump.
MW-0101-032008 3voc
Sample Time 1010 Sample Taken 3voc

Last Reading	FR	DTW	PH	Temp
	500	8.75	6.81	10.87

Cond	Turb.	Redox	D.O.	Total Depth
.513	3.88	-17.9	.27	43.06

February - 28 - 2008 1st Quarter Sampling Event
(ASW) Toby Hinz, Ralph Vest, Pat Reynoldson.

BMW-079-032008 TH, RV, PR Project 5403.001
IDTW 10.15 Settime 1035 Starttime 1040
2" Well w/dedicated QED Bladder Pump.
BMW-079-032008 3voc
Sample Time 1100 Sample Taken 3voc

Last Reading	FR	DTW	PH	Temp
	500	10.16	6.75	10.62

Cond	Turb.	Redox	D.O.	Total Depth
7.14	~~54.5~~ 7.14	54.5	3.85	42.21'

MW-079A TH PR Project 5403.001
IDTW 10.14 Settime 1110 Starttime 1115
2" well w/dedicated QED Bladder Pump
AMW-079-032008 AMW-279-032008 3voc AMW-479-032008 3voc
Sample Time 1135 Samples Taken 9voc
QA/QC.

Last Reading	FR	DTW	PH	Temp
	500	10.15	7.00	10.67

Cond	Turb	Redox	D.O	Total Depth
.554	1.49	55.6	.39	87.80

MW-80B TH, PR Project 5403.001
IDTW 8.70 Settime 1225 Starttime 1230
2" well w/dedicated QED Bladder Pump
BMW-080-032008
Sample Time 1250 Samples Taken 3voc

Last Reading	FR	DTW	PH	Temp
	500ml	8.74	6.71	10.96

Cond	Turb.	Redox	D.O.	Total Depth.
.625	2.84	85.1	.63	42.28 TD

February 28th 2008 1st Quarter Sampling Event FWOP
ASW Toby Hine, Ralph West, Pat Reynolderson

MW-80D TH PR Project 5403.001
IDTW 8.56 Setting 1255 Start Time 1300
2" Well w/dedicated Bladder Pump
DMW-080-032008 3voc

Sample Time 1320 Samples Taken 3voc

Last Reading	FR	DTW	PH	Temp
	500ml	8.57	6.95	10.85

Cond	Turb.	Redox	D.O.	Total Depth
.422	.61	93.2	1.73	94.40 TD

MW-80A TH PR Project 5403.001
IDTW 8.40 Setting 1325 Start Time 1330
2" Well w/dedicated Pump
AMW-080-032008 9voc QA/QC Sample Time 1350
Samples Taken 9voc AMW-280-032008 AMW-480-032008

Last Reading	FR	DTW	PH	Temp
	500ml	8.47	6.89	11.01

Cond	Turb	Redox	D.O.	Total Depth
.419	1.45	96.0	1.43	80.95

MW-92B TH PR Project 5403.001
IDTW 8.88 Setting 1410 Start Time 1415
2" Well w/dedicated QED Bladder Pump
BMW-092-032008 Sample Time 1435
Samples Taken 3voc

Last Reading	FR	DTW	PH	Temp
	500ml	8.90	6.70	11.67

Cond	Turb.	Redox	D.O.	Total Depth
.634	.56	120.5	6.37	41.68

2-28-08

February 28th 2008 1st Quarter Sampling Event
ASW Toby Hine, Ralph West, Pat Reynolderson

MW-92A TH, PR. Project 5403.001
IDTW ~~8~~ 9.08 Setting 1455 Start Time 1500
2" well w/dedicated Bladder Pump
AMW-092-032008 3voc Sample Time 1520
Samples Taken 3voc

Last Reading	FR	DTW	PH	Temp
	500ml	9.08	6.89	11.64

Cond	Turb.	Redox	D.O.	Total Depth
.551	1.51	107.8	.21	84.02

2-28-08

February 29th, 2008 1st Qtr SAMPLING EVENT FNOP
(ASW) ERIK WAISS, PAT REYNOLDSON

MW-81D Erik Waiss Pat Reynoldson Project 5403.001
IDTW: 09.50' BTOC SETTIME: 09:15 STARTTIME: 08:20
2" well w/ Dedicated QED Bladder Pump
DMW-081-032008 3 VOC
Sample Time: 8:35 Samples Taken 3 VOC

Last Readings	FR	DTW	pH	TEMP
	500mL/min	9.65	6.96	10.48

COND.	TURB	REDOX	D.O.	Total Depth
0.503	0.16	-9.1	0.62	106.60' BTOC

MW-81B EW, PR Project # 5403.001
IDTW: 9.78 SetTime: 08:46 STARTTIME: 08:50
2" well w/ DEDICATED QED Bladder Pump
BMW-081-032008 3 VOC MS 3 VOC MSD 3 VOC
Sample TIME: 09:05 Samples Taken 9 VOC

Last Readings	FR	DTW	pH	TEMP
	500mL/min	9.70	6.75	10.87

COND.	TURB	REDOX	D.O.	TOTAL DEPTH
0.376	0.79	70.7	7.50	39.70' BTOC

MW-81A EW, PR Project # 5403.001
IDTW: 9.64 SETTIME 09:14 STARTTIME 09:20
2" well w/ Dedicated QED Bladder Pump
AMW-081-032008 3 VOC
Sample Time: 09:35 Samples Taken 3 VOC

Last Readings	FR	DTW	pH	TEMP
	500mL/min	9.64	6.99	10.20

COND	TURB	REDOX	D.O.	TOTAL DEPTH
0.461	1.81	91.3	3.91	94.49

2.29.2008

Feb 29th, 2008 1st Qtr Sampling Event FNOP
(ASW) ERIK WAISS, PAT REYNOLDSON

MW-89B EW/PR Project # 5403.001
IDTW 59.80 SETTIME: 10:02 STARTTIME: 10:05
2" Well w/ Dedicated QED Bladder Pump
BMW-089-032008 3 VOC
SAMPLE TIME: 10:20 SAMPLES TAKEN 3 VOC

LAST READINGS	FR	DTW	pH	TEMP
	500mL/min	59.90	6.48	11.34

COND.	TURB	REDOX	D.O.	TOTAL DEPTH
0.700	1.00	124.9	4.79	78.02

MW-89A EW/PR PROJECT # 5403.001
IDTW: 58.00 SETTIME: 10:28
2" well w/ DEDICATED QED Bladder Pump
AMW-089-032008 3 VOC
SAMPLE TIME: 10:50 Samples Taken: 3 VOC

LAST READINGS	FR	DTW	pH	TEMP
	500mL/min	58.10	6.91	11.29

COND.	TURB	REDOX	D.O.	TOTAL DEPTH
0.471	0.54	25.4	0.51	141.2

MW-99D EW/PR Project # 5403.001
IDTW: 57.64 SETTIME: 11:01 STARTTIME: 11:05
2" well, w/ Dedicated QED Bladder Pump
DMW-089-032008 3 VOC
SAMPLE TIME: 11:20 Samples Taken 3 VOC

Last Readings:	FR	DTW	pH	TEMP
	500mL/min	58.25	6.88	11.43

COND.	TURB	REDOX	D.O.	TOTAL DEPTH
0.511	22.7	25.4	0.45	152.55' BTOC

2.29.2008

February 29th 2008 1st Qtr Sample Event P# 5403.001
(ASW) ERIK WAISS PAT REYNOLDSON

MW-91B
BMW-091-032008 EW/PR Proj# 5403.001
IDTW: 49.25 SETTIME 11:44 STARTTIME: 11:45
2" Well w/ Dedicated QED Bladder Pump
BMW-091-032008 3VOC
Sample Time: 12:00 SAMPLES TAKEN 3VOC

LAST READINGS	FR	DTW	pH	TEMP
	500ml/min	49.20	6.70	11.45

COND	TURB	REDOX	D.O.	TOTAL DEPTH
0.396	0.36	76.2	7.63	80.2' BTOC

MW-91A EW/PR Proj# 5403.001
IDTW: 49.00' SETTIME: 12:06 STARTTIME: 12:10
2" Well w/ Dedicated QED Bladder Pump
AMW-091-032008 3VOC
Sample Time: 12:25 Samples Taken: 3VOC

Last Readings	FR	DTW	pH	TEMP
	500ml/min	49.10	6.88	11.71

COND.	TURB	REDOX	D.O.	TOTAL DEPTH
0.496	0.92	75.2	2.84	121' even

MW-91D EW/PR PROJECT# 5403.001
IDTW: 49.9 SETTIME: 12:30 STARTTIME: 12:35
2" Well w/ DEDICATED QED Bladder Pump
DMW-091-032008 3VOC
Sample Time: 12:50 Samples Taken: 3 VOC

Last Readings	FR	DTW	pH	TEMP
	500ml/min	51.80	7.24	11.53

COND	TURB	REDOX	D.O.	TOTAL DEPTH
0.582	3.89	-103.8	0.21	131.6'

(Lots of Muck on Bottom)

8-29-2008

Feb 29th 2008 1st Qtr Sample Event Project# 5403.001
(ASW) ERIK WAISS, PAT REYNOLDSON

MW-90B EW/PR Proj.# 5403.001
IDTW: 47.7 ~~START~~ SET TIME: 13:13 STARTTIME: 13:20
2" Well w/ Dedicated Bladder Pump
BMW-090-032008 3VOC 2EXP
Sample Time: 13:35 SAMPLES TAKEN. 3VOC 2EXP

LAST READINGS:	FR	DTW	pH	TEMP
	500ml/min	47.75	6.64	11.65

COND.	TURB	REDOX	D.O.	TOTAL DEPTH
0.663	0.21	38.1	5.77	77.9' BTOC

MW-90A EW/PR Proj# 5403.001
IDTW: 47.65 SETTIME: 13:44 STARTTIME: 13:50
2" well w/ DEDICATED BLADDER PUMP
AMW-090-032008 3VOC 2EXP
SAMPLE TIME: 14:05 SAMPLES TAKEN: 3VOC 2EXP

LAST READINGS:	FR	DTW	pH	TEMP
	500ml/min	47.70' BTOC	6.68	11.48

COND.	TURB	REDOX	D.O.	TOTAL DEPTH
0.511	0.75	58.6	2.73	125.08' BTOC

MW-90D EW/PR Project # 5403.001
IDTW: 48.65 SETTIME: 14:39 STARTTIME: 14:45
2" well w/ DEDICATED BLADDER PUMP
DMW-090-032008 3VOC 2EXP
SAMPLE TIME: 15:00 SAMPLES TAKEN: 3VOC 2EXP

LAST READINGS	FR	DTW	pH	TEMP
	500ml/min	49.00	7.40	11.52

COND.	TURB	REDOX	D.O.	TOTAL DEPTH
0.537	2.02	-122.2	1.31	

FWOP

March-5-2008 MW Sampling Event 1st Quarter
(ASW Ralph Vest Pat Reynoldson)

MW-093B RV/PR Project 5403.001
IDTW 22.07 Settime 1255 Starttime 1300
2" Well w/dedicated Bladder Pump
BMW-093-032008 3voc
Sample Time 1320 Samples Taken 3voc
Last Reading FR DTW PH Temp
500ml 22.08 6.84 10.45
Cond Turb DO Redox Total Depth
.460 .52 6.35 133.6 72.30

MW-093A RV/PR Project 5403.001
IDTW 22.38 Settime 1325 Starttime 1330
2" well w/dedicated Bladder Pump
AMW-093-032008 3voc
Sample Time 1350 Samples Taken 3voc
Last Reading FR DTW PH Temp
500ml 23.18 7.67 10.58
Cond Turb Redox DO Total Depth
.540 6.03 -77.2 42 95.80

TRB-293-032008 Time 1320 2voc

MW-035B RV/PR Project 5403.001
IDTW 56.55 Settime 1440 Starttime 1445
2" Well w/dedicated Bladder Pump
BMW-035-032008 3voc 2EXP
Sample Time 1505 Sample Taken 3voc 2EXP
Last Reading FR DTW PH Temp
500ml 56.58 6.87 10.74
Cond Turb Redox DO Total Depth
.493 .48 76.2 6.79 ~~93.80~~ 69.00

FWOP

March-5-2008 MW Sampling Event 1st Quarter
(ASW Ralph Vest Pat Reynolds)

MW-035A RV/PR Project 5403.001
IDTW 56.72 Settime 1505 Starttime 1510
2" Well w/dedicated Bladder Pump
AMW-035-032008 3voc 2EXP
Sample Time 1530 Samples Taken 3voc 2EXP
Last Reading FR DTW PH Temp
500ml 56.74 6.96 10.64
Cond Turb. Redox DO. Total Depth
.504 3.01 90.4 3.70 93.80

MW-035D RV/PR Project 5403.001
IDTW 56.60 Settime 1535 Starttime 1540
2" Well w/dedicated Bladder Pump
DMW-035-032008 3voc 2EXP
Sample Time 1600 Samples Taken 3voc 2EXP
Last Reading FR DTW PH Temp
500ml 56.61 6.94 10.50
Cond Turb. Redox DO Total Depth
.697 .38 -16.0 .32 107.0

Ralph Vest (ASW)
3-5-08

March-6-2008 MW Sampling Event FNOP 1st Quarter 2008
(ASW) Ralph Vest, Toby Hine, Pat Reynoldson

MW-087D TH/PR Project 5403.001
IDTW 4.49 Set time 0840 Start time 0845
2" well w/dedicated Bladder Pump
DMW-087-032007 3voc 2EXP
Sample Time 0905 Samples Taken 3voc 2EXP
Last Reading FR DTW PH Temp
500ml 4.49 7.12 10.04
Cond Turb Redox DO Depth of well
.684 .52 -87.3 .43 57.38

MW-87A TH/PR Project 5403.001
IDTW 4.41 Set time 0920 Start time 0925
2" well w/dedicated Bladder Pump
AMW-087-032007 3voc 2EXP
Sample Time 0945 Samples Taken 3voc 2EXP
Last Reading FR DTW PH Temp
500 4.41 6.92 10.25
Cond Turb Redox DO Total Depth
.759 .67 -14.5 .85 48.25

MW-87B TH/PR Project 5403.001
IDTW 4.46 Set time 1000 Start time 1005
2" well w/dedicated Bladder Pump
BMW-087-032008 3voc 2EXP
Sample Time 1025 Samples Taken 3voc 2EXP
Last Reading FR DTW PH Temp
500ml 4.46 6.80 10.06
Cond Turb Redox DO Total Depth
.404 .45 49.3 4.41 29.69

Ralph Vest (ASW)
3-6-08

March-6-2008 1st Quarter Monitor Well
Toby Hine Pat Reynoldson Mead FNOP Sampling Event

MW-088D TH/PR Project 5403.001
IDTW 6.22 Set time 1125 Start time 1130
2" well w/dedicated Bladder Pump
DMW-087-032008
Sample Time 1150 Sample taken 3voc 2Exp
Last Reading FR DTW PH Temp
500ml 6.22 6.90 11.31
Cond Turb Redox DO TD Depth of Well
.496 3.36 -85.7 .27 57.40

MW-088A TH/PR Project 5403.001
IDTW 6.06 Set time 1200 Start time 1205
2" well w/dedicated
AMW-087-032008
Sample Time 1225 Sample taken 3V2
Last Reading FR DTW PH Temp
500ml 6.06 6.85 11.45
Cond Turb Redox DO TD
.506 1.79 -10.5 .20 47.78

MW-088B TH/PR Project 5403.001
IDTW 6.17 Set time 1240 Start time 1245
2" well w/dedicated
BMW-088-032008 MS/MSD QA/QC
Sample Time 1305 Samples Taken 3voc 2EXP MS/MSD 3voc 2EXP QA/QC
Last Reading FR DTW PH Temp
500ml 6.17 6.84 11.49
Cond Turb Redox DO TD
.653 46.7 -16.5 .37 32.90

Ralph Vest (ASW)
3-6-08

TRB488-032008 1305 2voc

FWOP 2008

March-6-2008 1st Quarter MW Sampling Event
Toby Hinz / Pat Reynolds ASW Project 5403.001

MW-086D TH/PR Project 5403.001
IDTW 34.06 Se Time 1400 Start Time 1405
2" well w/dedicated
DMW-086-032008
Sample Time 1425 Sample Taken 3 EXP
Last Reading FR DTW PH Temp
500ml 34.07 6.96 11.44
Cond Turb Redox DO TD
.353 3.05 70.8 5.99 76.10

MW-86A TH/PR Project 5403.001
IDTW 34.30 Se Time 1440 Start Th 1445
2" well w/dedicated
AMW-086-032008
Sample Time 1505 Samples taken 2 EXP
Last Reading FR DTW PH Temp
500ml 34.30 6.63 11.26
Cond Turb Redox DO TD
.463 .41 88.1 3.97 64.85

MW-086B TH/PR Project 5403.001
IDTW 34.70 Se Time 1515 Start Th 1520
2" well w/dedicated
BMW-086-032008
Sample Time 1540 Samples taken 2 EXP
Last Reading FR DTW PH Temp
500ml 34.70 6.44 11.72
Cond Turb Redox DO TD
.434 .98 104.1 .67 55.10

Robert Vent (ASW) 3-6-08

FNOP Mend.

March 7th 2008 1st Quarter MW Sampling Event 69
(AFW) Toby Hinz, Ralph Vest.) Matt Long (EEC)

MW-0116A TH/PR Project 5403.001
IDTW 5.30 Setttime 0855 Starttime 0900
2" well w/dedicated
AMW-0116-032008
Sample Time 0920 Sample taken 3voc 2EXP

Last Reading	FR	DTW	PH	Temp
	500ml	5.30	6.86	10.28

Cond	Turb	Redox	DO	TD
.566	2.45	-3.4	.51	43.50

MW-0116D TH/PR Project 5403.001
IDTW 5.20 Setttime 0935 Starttime 0940
2" Well w/dedicated
DMW-0116-032008 (1voc Broken Ice Shipped)
Sample Time 1000 Sample taken 3voc 2EXP

~~Sample~~ Last Reading	FR	DTW	PH	Temp
	500m	5.20	7.02	10.36

Cond	Turb	Redox	DO.	TD.
.800	7.24	-114.9	.28	56.03

MW-0116B TH/PR Project 5403.001
IDTW 5.30 Setttime 1005 Starttime 1010
2" Well w/dedicated
BMW-0116-032008 (2voc Broken Ice)
Sample Time 1030 Sample Taken 3voc 2EXP

Last Reading	FR	DTW	PH	Temp
	500ml	5.30	6.73	10.34

Cond	Turb	Redox	DO.	TD.
.511	2.05	-23.4	.28	34.50

(Shipped 1voc) 3-7-08

FNOP

March - 7 - 2008 1st Quarter MW Sampling Event
(ASW Toby Hinz Ralph Vest) (Matt Long Ecc)

MW-0115D TH/RV Project 5403.001
IDTW 5.85 Set time 1040 Start time 1045
2" well w/dedicated
DMW-0115-032008
Sample Time 1105 Sample Taken 3voc 2EXP

Last Reading	FR	DTW	PH	Temp
	500ml	5.92	6.94	10.14

Cond	Turb	Redox	DO.	TD
.580	2.43	-98.0	.23	60.10

MW-0115A TH/RV Project 5403.001
IDTW 5.88 Set time 1110 Start time 1115
2" well w/dedicated
AMW-0115-032008
Sample Time 1135 Sample Taken 3voc 2EXP

Last Reading	FR	DTW	PH	Temp
	500ml	5.88	6.95	10.70

Cond	Turb	Redox	DO	TD
.590	2.97	-12.0	.21	48.80

MW-0115B TH/RV Project 5403.001
IDTW 5.96 Set time 1135 Start time 1140
MS/MSD 2" well w/dedicated
BMW-0115-032008, BMW-0115-032008 MS, BMW-0115-032008 MSD
QA/QC BMW-2115-032008, BMW-4115-032008
Sample Time 1200 Sample Taken 10EXP 15voc

Last Reading	FR	DTW	PH	Temp
	500ml	5.96	6.89	10.54

Cond	Turb.	Redox	DO.	TD
.597	.53	47.1	.45	35.50

Ralph Vest 3-7-08

FNOP

March 7th 2008 1st Quarter MW Sampling Event 71
ASW Toby Hinz Ralph Vest

MW-0114A TH/RV Project 5403.001
IDTW 3.38 Set time 1240 Start time 1245
2" well w/dedicated
AMW-0114-032008
Sample Time 1305 Sample Taken 3voc 2EXP

Last Reading	FR	DTW	PH	Temp
	500ml	3.36	6.80	10.51

Cond	Turb	Redox	DO.	TD
.541	.80	46.7	.30	49.54

MW-0114B TH/RV Project 5403.001
IDTW 3.53 Set time 1316 (A) 1305 Start time ~~1325~~ (A) 1315
QC 2" well w/dedicated
BMW-0114-032008 BMW-2114-032008
Sample Time 1330 Samples Taken 6voc 4EXP

Last Reading	FR	DTW	PH	Temp
	500ml	3.55	6.83	10.06

Cond	Turb	Redox	DO.	TD
.525	.64	61.9	1.31	32.12

MW-0114D TH/RV Project 5403.001
IDTW 3.25 Set time 1335 Start time 1340
2" well w/dedicated
DMW-0114-032008
Sample Time 1400 Samples Taken 3voc 2EXP

Last Reading	FR	DTW	PH	Temp
	500ml	3.27	6.97	10.48

Cond	Turb	Redox	DO.	TD
.563	3.79	-109.0	.24	60.32

Ralph Vest 3-7-08

March 10th 2008 I QSE FNOP
(Asw: Toby Hisz, Pat Reynolds)

MW-0108A TH-PR Project 5403-001
IDTW 32.53 Settime 1130 Starttime 1135
2" well w/ded. pump.
#mw-0108-032008 / Amw-0108-032008 ms / Amw-0108-032008 ms
Sample time 1155

Last Reading:	FR	DTW	PH	Temp.	Cond.
	500	32.52	6.75	11.03	.514

Turb.	Redox	D.O.	TD
4.40	117.9	3.52	80.88

B MW-0108 TH PR Project 5403-001
IDTW 33.02 Settime 1220 Starttime 1225
2" well w/ded pump
BMW-0108-032008
Sample Time 1245

Last Reading	FR	DTW	PH	Temp.
	500	33.03	6.43	11.04

Cond.	Turb.	Redox	D.O.	T.D.
1.212	4.21	138.2	5.64	

MW-0108D TH PR Project 5403-001
IDTW 32.66 Settime 1305 Starttime 1305
2" well w/ded pump.
DMW-0108-032008
Sample time 1330

Last Reading	FR	DTW	PH	Temp	Cond.
	500	32.70	6.84	11.36	.591

Turb.	Redox	D.O.	TD
3.72	114.4	2.21	? Frozen casing

TH

March 10th 2008 1st QSE FNOP
(ASW: Toby Hinz - Pat Reynoldson)

MW-106 B TH-PR Project 5403-001
IDTW 19.98 Settime 1400 Starttime 1400
2" well w/ded. pump
DMW-0106-032008
Sample Time 1425

Last Reading	FR	DTW	PH	Temp
	500	20.09	6.73	11.99

Cond.	Turb.	Redox	DO	TD
.993	.81	111.7	.38	37.58

MW-106 A TH-PR Project 5403-001
IDTW 19.28 Settime 1435 Starttime 1435
2" well w/ded pump.
AMW-0106-032008
Sample Time 1500

Last Reading	FR	DTW	PH	Temp
	500	19.28	6.61	11.95

Cond.	Turb.	Redox	DO.	TD
.526	1.37	115.7	.35	69.99

MW-106 D TH-PR Project 5403-001
IDTW 19.53 Settime 1510 Starttime 1510
2" well w/ded. pump
DMW-0106-032008
Sample Time 1535

Last Reading	FR	DTW	PH	Temp
	500	19.53	6.62	11.49

Cond.	Turb.	Redox	DO.	TD
.596	3.71	119.8	1.36	81.60

March 11th 2008 FNOP 1st QSE
(ASW Toby Hinz - Pat Reynoldson)

MW-107 A TH-PR Project 5403-001
IDTW/40.47 Settime/0840 Starttime/0840
2 inch well w/ded. Pump
AMW-0107-032008
Sample Time 0905

Last Readings	FR	DTW	PH	Temp.
	500	40.48	6.60	10.86

Turb.	Redox	DO.	TD
.87	~~[illegible]~~ 169.0	.96	88.03

MW-107 D TH-PR Project 5403-001
IDTW: 41.05 Settime: 0915 Starttime: 0915
2 in well w/ded pump
DMW-0107-032008
Sample time 0940

Last Reading	FR	DTW	PH	Temp.
	500	41.41	6.67	10.91

Turb.	Redox	DO.	TD
10.3	161.6	2.10	100.50

MW-107 B TH-PR Project 5403-001
IDTW: 42.14 Settime: 0950 Starttime: 0950
2 in well w/ded Pump.
BMW-0107-032008
Sample time 1015

Last Reading	FR	DTW	PH	Temp.
	500	45.15	6.64	11.21

Turb.	Redox	DO.	TD
4.23	122.0	1.38	54.95

Toby Hinz

March 11th 2008 FNOP 1st QSE 75
(ASW: Toby D. Hiw Pat J. Reynoldson)

MW-110A TH-PR Project 5403-001
IDTW 6.18 Settime 1055 Starttime 1100
2 in. well w/ded Pump
AMW-0110-032008
Sample time 1120

Last Reading	FR	DTW	PH	Temp.
	500	6.19	6.59	12.65

Cond.	Turb.	Redox	D.O.	TD
.887	11.1	114.3	1.65	47.01

MW-110B TH-PR Project 5403-001
IDTW 6.54 Settime 1130 Starttime 1130
2 in well w/ded Pump
BMW-0110-032008
Sample Time 1155

Last Reading	FR	DTW	PH	Temp.
	500	6.56	6.59	12.56

Cond.	Turb.	Redox	D.O.	TD.
.817	4.59	101.6	.50	30.52

MW-110D TH-PR Project 5403-001
IDTW 6.43 Starttime 1205 Settime 1205
2 in well w/ded Pump
DMW-0110-032008
Sample Time 1230

Last Reading	FR	DTW	PH	Temp.
	500	6.52	6.64	11.90

Cond.	Turb.	Redox	D.O.	TD.
.815	17.2	100.2	1.36	57.5

Toby Hiw

March 13th 2008 FNOP 1st QSE7
(ASW - Pat Reynoldson / Toby Hinz)

MW-97B PR-TH Project 5403-001
IDTW 53.80 Settime 0835 Starttime 0840
2" well w/ded Pump.
BMW-097-032008
Sample Time 0905

Last Readings	FR	DTW	PH	Temp.
	500	53.78	6.95	11.24

Turb.	Redox	DO	TD	Cond.
2.59	135.4	5.28	75.19	.516

TD is 75.5 According To logs
Should Be 106 FT According TO Plate

MW-97A TH-PR Project 5403-001
IDTW 53.72 Settime 0910 Starttime 0910
2" well w/ded Pump
AMW-097-032008
Sample Time 0935

Last Reading	FR	DTW	PH	Temp.
~~Turb.~~ TH Cond.	500	54.10	7.22	10.97

Turb	Cond.	Redox	DO	TD
2.22	.620	140.8	3.85	95.90 plate is off

MW-97D TH-PR Project 5403-001
IDTW 53.85 Settime 0955 Starttime 1000
2" well w/ded Pump
~~AMW~~ DMW-097-032008
Sample Time 1025

Last Readings	FR	DTW	PH	Temp.
	500	53.91	7.16	11.42

Cond.	Turb.	Redox	DO.	TD
.567	1.32	136.9	3.56	107.58 plate is off

March 13th 2008 FWOP 1st QSE
(ASW - Toby Hinz - Pat Reynolds)

MW-95A PR-TH Project 5403-001
IDTW 59.75 Settime 1100 Startime 1105
2" well w/ded Pump
Amw-095-032008
Sample Time 1130

Last Reading	FR	DTW	PH	Temp.
	500	59.81	6.74	12.03

Cond.	Turb.	Redox	DO.	TD
.410	3.86	136.8	5.92	105.7

plate is wrong

MW-95B TH-PR Project 5403-001
IDTW 59.38 Starttime 1135 Settime 1135
Bmw-095-032008
Sample Time 1200

Last Reading	FR	DTW	PH	Temp
	500	59.42	6.84	12.01

Cond.	Turb.	Redox	DO.	TD
.393	1.52	152.5	7.13	77.5

plate is wrong

MW-95D TH-PR Project 5403-001
IDTW 59.69 Settime 1215 Startime 1215
Dmw-095-032008
Sample Time 1240

Last Reading	FR	DTW	PH	Temp.
	500	59.69	6.84	12.46

Cond.	Turb.	Redox	DO	TD
.382	1.95	114.4	3.75	132.2

plate is wrong

Toby Hinz

March 14th 2008 FNOP 1st QSE 79
CASW - Toby Hiz - Pat Reynoldson

MW-94D PR-TH Project 5403-001
IDTW 54.10 Settime 0830 Starttime 0830
2" well w/ded Pump
Dmw-094-032008
Sample Time 0855

Last Reading	FR	DTW	PH	Temp.
	500	54.10	7.02	10.77

Cond.	Turb	Redox	DO	TD
.945	.62	148.6	2.37	124.22

MW-94A PR-TH Project 5403-001
IDTW 53.60 Settime 0905 Starttime 0905
2" well w/ded Pump
AMW-094-032008
Sample time 0930

Last Reading	FR	DTW	PH	Temp.
	500	53.60	6.98	10.99

Cond.	Turb	Redox	D.O.	TD
.722	.90	151.6	3.99	96.40

MW-94B PR-TH Project 5403-001
IDTW 53.55 Settime 0940 Starttime 0940
2" well w/ded Pump
BMW-094-032008 / BMW-294-032008 / BMW-094-032008 MSD /
BMW-094-032008 MS
2" well w/ded Pump
Sample time 1005

Last Read	FR	DTW	PH	Temp.
	500	53.55	6.80	11.27

Cond.	Turb	Redox	DO	TD
.382	.68	158.7	8.93	76.63

March 18th 2008 FNOP 1st Quarter Sampling Event 2008
Ralph Vest, Pat Reynoldson (ASW)

BMW-085-032008
QC IDTW 47.48 RV/PR Project 5403.001
2" Well w/dedicated Bladder Pump
MS/MSD Bmw-08-032008 2EXP 2EXP MS 2EXP MSD 2EXP QC
Sample Time 0910 Start Time 0850

Last Reading	FR	DTW	PH	Temp
	500ml	47.50	6.68	10.96

Cond	Turb.	Redox	DO.	TD.	
.375	.46	212.6	6.92	68.80	Toc

AMW-085-032008
IDTW 47.68 RV/PR Project 5403.001
2" Well w/dedicated Bladder Pump
AMW-085-032008 2EXP
Sample Time 0950 Start Time 0930

Last Reading	FR	DTW	PH	Temp
	500ml	47.68	6.81	11.11

Cond	Turb	Redox	DO.	TD	
.356	.56	209.9	5.78	89.80	Toc

DMW-085-032008
IDTW 47.69 RV/PR Project 5403.001
2" Well w/dedicated Bladder Pump
DMW-085-032008 Start time 1000
Sample Time 1020 2EXP ~~Start time~~

Last Reading	FR	DTW	PH	Temp
	500ml	47.90	6.89	11.27

Cond	Turb.	Redox	DO.	TD	
.418	2.73	203.1	4.28	97.56	Toc

3-18-08

March 18th 2008 FNOP 1st Quarter Sampling Event FNOP 2008
Ralph Vest & Pat Reynoldson (ASW)

AMW-029-032008
IDTW 53.18 RV/PR Project 5403.001
2" Well w/dedicated Bladder Pump
Start time 1050 Sample Time 1110
QA/QC AMW-029-032008 2EXP AMW-229-032008 2EXP AMW-429-032008 2EXP

Last Reading	FR	DTW	PH	Temp
	500ml	53.15	6.87	11.48

Cond	Turb	Redox	DO.	TD	
.657	33.	199.6	4.72	134.2	Toc

BMW-029-032008
IDTW 54.02 RV/PR Project 5403.001
2" Well w/dedicated Bladder Pump
Start time 1125 Sample Time 1145
BMW-029-032008 2 EXP

Last Reading	FR	DTW	PH	Temp
	500	54.06	6.53	11.48

Cond	Turb	Redox	DO.	TD	
.524	.47	199.9	9.80	77.57	Toc

BMW-083-032008
IDTW 61.99 RV/PR Project 5403.001
2" Well w/dedicated Bladder Pump
Start time 1445 Sample Time 1505
BMW-083-032008

Last Reading	FR	DTW	PH	Temp
	500ml	62.15	7.00	12.13

Cond	Turb	Redox	DO.	TD	
.468	.40	174.6	7.64	82.60	Toc

3/18/08

March 18th 2008 FNOP 1st Quarter MW Sampling
Ralph Vest & Pat Reynoldson (ASW)

DMW-083-032008
IDTW 62.04 RV/PR Project 5403.001
2" well w/dedicated Bladder
Start Time 1515 Sample Time 1535
DMW-083-032008 2EXP

Last Reading	FR	DTW	PH	Temp
	500ml	62.25	7.07	12.29

Cond.	Turb	Redox	DO	TD
.745	1.62	13.7	1.75	125.00 Toc

AMW-083-032008
IDTW 62.09 RV/PR Project 5403.001
2" well w/dedicated Bladder Pump
Start Time 1540 Sample Time 1600
AMW-083-032008 2EXP

Last Reading	FR	DTW	PH	Temp
	500ml	62.11	7.06	12.02

Cond	Turb	Redox	DO.	TD.
.563	3.96	62.4	4.55	111 Toc

3-18-08

March 18th 2008 FNOP 1st Quarter Sampling Event 2008
Ralph Vest + Pat Reynolds on (ASW)

MW-82D RU/PR Project 5403.001
IDTW 56.00 Start time 0845
2" well w/dedicated Bladder Pump
Sample Time 0905
DMW-082-032008 2 Exp

Last Reading	FR	DTW	PH	Temp
	500ml	56.00	6.86	11.25

Cond.	Turb.	Redox	D.O.	T.D.
.660	1.34	-3.6	1.76	129.00

MW-82A RU/PR Project 5403.001
IDTW 56.20 Start time 0915
2" well w/dedicated Bladder Pump
Sample Time 0935
AMW-082-032008 2 Exp

Last Reading	FR	DTW	PH	Temp
	500ml	56.30	7.22	11.22

Cond	Turb.	Redox	DO	T.D.
.500	.26	-31.5	4.85	97.10

MW-82B RU/PR Project 5403.001
IDTW 56.20 Start time 0945
2" well w/dedicated Bladder Pump
Sample Time 1005
BMW-082-032008 2 Exp

Last Reading	FR	DTW	PH	Temp
	500ml	56.30	6.57	11.37

Cond	Turb	Redox	DO	TD
.436	.29	85.3	9.33	68.9

[signature]

March 19th 2008 FWOP MW 1st Quarter Sampling Event
Ralph Oest + Pat Reynoldson (ASW)

MW-116A RU/PR Project 5403.001
*Resample VOC Only. Broken Bottles 3-7-08
IDTW 5.22 Start Time 1120
2" well w/dedicated Bladder Pump.
AMW-0116-032008 3voc *VOC Only Resample
Sample Time 1140

Last Reading	FR	DTW	PH	Temp
	500ml	5.22	6.86	11.59

Cond	Turb	Redox	DO	TD
.515	2.04	-23.0	1.32	43.50

TRB TRB-2116-032008 Trip Blank Sample Time 1140
2 voc
RIN* RIN-038-032008 3voc 2EXP Time 1430
MW-38A RU/PR project 5403.001
IDTW 5.89 Start Time 1235
2" well w/dedicated Pump; QED SamplePro Pump w/disposable bladder, *Pulled Data Logger 1 hour to Sample 3-19-08
AMW-038-032008 3voc 2EXP
Sample Time 1255

Last Reading	FR	DTW	PH	Temp
	500ml	5.89	6.89	13.32

Cond	Turb	Redox	DO	TD
.537	56	-23.4	.54	53.30

MW-38D RU/PR Project 5403.001
IDTW 5.45 Start Time 1315
2" Well w/dedicated Pump - QED Sample Pro w/disposable Bladder DMW-038-032008 3voc 2EXP
Sample Time 1335

Last Reading	FR	DTW	PH	Temp
	500ml	5.45	6.81	12.88

Cond	Turb.	Redox	DO	TD/Depth
.581	9.22	-67.7	.45	66.10

March 20th 2008 FNOP 1st QSE

Toby Hinz / Pat Reynoldson Both (ASW) on site. Weather is Sunny with high of 65°F.

MW-42A TH/PR Project 5403-001

IDTW 54.30 Starttime 0845 Settime 0845

2" well ~~w/dedd Pump~~ Bladder Pump

AMW-042-032008 / AMW-242-032008 / AMW-442-032008 /

AMW-042-032008 MS / AMW-042-032008 MSD / RIN-042-032008

Sample Time 0910

Last Reading	FR	DTW	PH	Temp
	500	54.30	6.86	10.30

Cond.	Turb.	Redox	DO	TD
.555	7.36	157.3	4.67	

RIN Taken AT 1000 RIN-042-032008

MW-42B TH/PR Project 5403-001

IDTW 54.40 Starttime 1030 Settime 1030

2" well ~~w/dedd Pump~~ Bladder Pump

BMW-042-032008

Sample Time 1100

Last Reading	FR	DTW	PH	Temp.
	400	54.41	5.37	10.41

Cond.	Turb.	Redox	DO	TD
.412	12.1	208.1	5.33	

MW-42D TH/PR Project 5403-001

IDTW 54.10 Settime 1150 Starttime 1150

2" well ~~w/dedd Pump~~ Bladder Pump

DMW-042-032008

Sample Time 1215

Last Reading	FR	DTW	PH	Temp
	500	54.10	6.83	13.61

Cond.	Turb	Redox	DO.
.531	8.90	139.1	4.12

March 20th 2008 FNOP 1st QSE
Toby Hinz / Pat Reynoldson Both (ASW)
Sunny out and 45°F

MW-34 B TH / PR Project 5403-001
IDTW 63.90 Settime 1300 Starttime 1300
2" well ~~[illegible]~~ Bladder Pump
BMW-034-032008
Sample Time 1325

Last Reading	FR	DTW	PH	Temp
	500	63.90	6.87	14.53

Cond	Turb	Redox	DO	TD
.376	2.12	151.5	8.88	113.84

MW-34 D TH / PR Project 5403-001
IDTW 63.62 Settime 1350 Starttime 1350
2" well w/ Bladder Pump.
DMW-034-032008
Sample Time 1415

Last Reading	FR	DTW	PH	Temp.
	450	63.63	6.95	14.05

Cond.	Turb	Redox	DO	TD
.534	NA	46.0	.80	127.95

1213
5.15
PSW
2008-2009

MW-34 A TH / PR Project 5403-001
IDTW 64.12 Settime 14:45 Starttime 14:45
2" well w/ Bladder Pump
AMW-034-032008
Sample Time 1510

Last Reading	FR	DTW	PH	Temp.
	500	64.12	7.42	12.54

Cond.	Turb.	Redox	DO	TD
.524	2.04	70.3	.89	113.76

Toby H

March 21st 2008 MW Sampling 1st Quarter 2008
Ralph Vest + Toby Hinz (ASW)

MW-32A TH/RV Project 5403.001
IDTW 53.62 Start Time 0825
2" Well w/o dedicated Pump
AMW-032-032008 3voc 2EXP
Sample Time 0845

Last Reading	FR	DTW	PH	Temp
	400m	53.62	6.72	9.88

Cond	Turb	Redox	DO	TD
.415	273	176.90	6.20	101'

RIN-032-032008 0915 3voc 2EXP

MW-32B TH/RV Project 5403.001
IDTW 53.62 Start Time 0900
2" Well w/o dedicated Pump.
BMW-032-032008 3voc 2EXP
Sample Time 0920

Last Reading	FR	DTW	PH	Temp
	400ml	53.62	6.51	9.78

Cond	Turb	Redox	DO	TD
.374	353	171.9	8.94	82.15

MW-32D TH/RV Project 5403.001
IDTW 53.60 Start Time 0945
2" Well w/o dedicated Pump
DMW-032-032008 3voc 2EXP
Sample Time 1005

Last Reading	FR	DTW	PH	Temp
	500ml	53.60	6.82	8.96

Cond	Turb	Redox	DO	TD
.412	8.4	172.3	4.62	115.4

FNOP

FNOP

5403.001

4-1-08 MW Sampling Event 1st Quarter 2008 91

Ralph Vest + Greg Etter (ASW)

403.001

MS/MSD MW-112B RU/GE Job 5403.001

IDTW ~~0~~ Start Time 0835

QA/QC. 2" well w/dedicated Bladder Pump

BMW-0112-032008 ~~Blank~~ Samples Taken 10 EXP 15 VOC

Sample Time 0855 MS/MSD QA/QC

Last Reading	FR	DTW	PH	Temp
	500ml	~~0~~	6.69	8.83

Cond	Turb.	Redox	DO.	TD
440	.61	238.1	5.44	26.00

MW-112A RU/GE Project 5403.001

IDTW ~~0~~ Artesian Start Time 0930

2" well w/dedicated Bladder

AMW-0112-032008 Samples taken 2 EXP 3 VOC

Sample Time 0950

Last Reading	FR	DTW	PH	Temp
	500mL	~~0~~	6.39	7.41

Cond	Turb	Redox	DO	TD
.394	3.44	13.0	5.91	47.50

MW-113B RU/GE Project 5403.001

IDTW ~~0~~ Artesian flow Start time 1110

2" well w/dedicated Bladder Pump.

BMW-0113-032008 Samples Taken 3 VOC 2 EXP

Sample Time 1130

Last Reading	FR	DTW	PH	Cond
	500ml	~~0~~	6.76	.410

Temp	Turb	Redox	DO.	TD
11.57	.58	-7.0	3.07	31.00

TRB 4112-032008 Time 0855 Trip Blank

TRB-2112-032008 Time 0855 2 VOC TB

RIN-0112-032008 1020 [signature] 4-1-08

April-1-2008 1st Quarter MW Sampling Event FMOP 2008
Ralph Vest, Greg Etter

MW-113D RU/GE project 5403.001
IDTW -0- Start Time 1145
2" well w/o/dedicated Bladder Pump
DMW-0113-032008 Sample Taken 3voc 2EXP
Sample Time 1205

Last Reading	FR	DTW	PH	Temp
	500ml	-0-	6.83	8.55

Cond	Turb	Redox	DO.	TD
.318	3.37	-10.1	.65	53.70

MW-113A RU/GE Project 5403.001
IDTW -0- Start Time 1220
2" Well w/o/dedicated Bladder Pump.
AMW-0113-032008 Sample Taken 3voc 2EXP
Sample Time 1240

Last Reading	FR	DTW	PH	Temp
	500ml	-0-	6.72	10.00

Cond	Turb	Redox	DO.	TD
.391	.47	-7.1	2.23	41.00

MW-09A RU/GE Project 5403.001
IDTW 54.29 Start time 1330
3" Well w/o/dedicated Pump
AMW-009-032008 3voc
Sample Time 1350

Last Reading	FR	DTW	PH	Temp
	400ml	54.29	7.02	10.01

Cond	Turb	Redox	DO.	TD
.448	.74	-21.8	1.96	135.10

4-1-08

April-1-2008 1st Quarter MW Sampling Event
Ralph Vest, Greg Etter

MW-09B RU/GE Project 5403.001
IDTW 54.24 Start time 1400
3" Well w/o/dedicated Pump
BMW-009-032008 3voc Sample Taken
Sample Time 1420

Last Reading	FR	DTW	PH	Temp
	500mL	54.24	6.90	9.99

Cond	Turb	Redox	DO.	TD
.298	.68	115.6	9.09	89.45

MW-09D RU/GE Project 5403.001
IDTW 54.05 Start Time 1435
2" well w/o/dedicated Pump
DMW-009-032008 Samples Taken 3voc
Sample Time 1455

Last Reading	FR	DTW	PH	Temp
	500mL	54.05	7.16	9.89

Cond	Turb.	Redox	D.O.	TD.
.457	.69	-27.1	1.15	138.80

4-1-08

MW

April 1st 2008 FNMP 1st Quarter Sampling Event
Ralph Vest, Greg Etter (ASW)

MW-54B RI/GE Project 5403.001
IDTW 8.90 Start time 0915
2" well w/dedicated Bladder Pump
BMW-054-032008 Sample Taken 3voc 2EXP
Sample Time 0935

Last Reading	FR	DTW	PH	Temp
	400ml	17.1	6.27	9.64

Cond	Turb	Redox	DO	TD
.273	6.40	14.2	1.92	33.08

MW-54A RI/GE Project 5403.001
IDTW 11.52 Start time 0950
2" well w/dedicated Bladder Pump
AMW-054-032008 Sample Taken 3voc 2EXP
Sample Time 1010

Last Reading	FR	DTW	PH	Temp
	400ml	11.50	6.47	10.10

Cond	Turb	Redox	DO	TD
.341	19.3	3.8	.73	78.80

MW-55B RI/GE Project 5403.001
IDTW 1882 Start Time 1130
QC 2" well w/dedicated Bladder Pump
BMW-055-032008 Sample Taken 4EXP 6VOC QC
Sample Time 1150

Last Reading	FR	DTW	PH	Temp
	500ml	18.82	6.52	10.49

Cond	Turb	Redox	DO	TD
.330	46.3	1.2	.70	68.39

RIN-054-032008 Time 1045 3voc 2EXP

Ralph Vest 4-2-08

2008

April 2nd 2008 1st Quarter MW Sampling Event FNMP 95
Ralph Vest + Greg Etter (ASW)

MW 55A RI/GE project 5403.001
IDTW 1830 Start Time 1210
2" well w/Bladder Pump
AMW-055-032008 Sample Taken 3voc 2EXP
Sample Time 1230

Last Reading	FR	DTW	PH	Temp
	500ml	18.29	6.57	9.95

Cond	Turb	Redox	DO	TD
.498	2.90	90.6	.76	86.41

MW-56B RI/GE Project 5403.001
IDTW 17.28 Start time 1300
2" well w/Bladder Pump
BMW-056-032008 3voc 2EXP
Sample Time 1320

Last Reading	FR	DTW	PH	Temp
	400ml	17.30	6.91	10.23

Cond	Turb	Redox	DO	TD
.760	2.23	100.9	2.21	93.50

MW-56A RI/GE Project 5403.001
IDTW 1830 Start time 1335
2" well w/dedicated Bladder Pump
AMW-056-032008 3voc 2EXP Sample Time

Last Reading	FR	DTW	PH	Temp
	500ml	18.30	6.49	10.21

Cond	Turb	Redox	DO	TD
.341	4.26	2.6	1.88	79.70

Ralph Vest 4-2-08

April 4th 2008 FNOP 1st Quarter MW Sampling
Ralph West & Greg Etter (ASW) Event.

MW-21B RU/GE Project 5403.001
IDTW 39.45 Start Time 0915
2" Well w/ dedicated Bladder Pump
BMW-021-032008 Sample Taken 10 exp 15 voc
MS/MSD QA/QC. Sample Time 0935
Last Reading FR DTW PH Temp
500ml 39.52 6.65 10.11
Cond Turb ReDox DO. TD
.305 1.78 -7.5 5.35 78.30

TRB-221-032008 Time 0935 2 voc

RIN-021-032008 Time 1100 3 voc 2 EXP

* Rain Out PM 4-3-08

(RW)

4-3-08

Fnop

April 4th 2008 1st Quarter MW Sampling Event 97
Ralph Vest, Erik Waiss (ASW)

MW-08B RV/EK Project 5403.001
IDTW 49.18 Starttime 0840
3" well w/dedicated Bladder Pump
BMW-008-032008 3 VOC 2 EXP
~~Starttime~~ 0900 Sample Time

Last Reading	FR	DTW	PH	Temp
	450ml	49.16	6.72	10.75

Cond	Turb	Redox	DO.	TD
.493	1.08	177.7	8.48	83.80'

RIN-008-032008 0920 Time Sampled.

MW-08A RV/EK Project 5403-001 127.8
IDTW: 49.15' START TIME: 09:11
3" Well w/o Dedicated Bladder Pump
AMW-008-032008 3 VOC 2 EXP
SAMPLE TIME 0935

LAST Reading	FR	DTW	PH	TEMP
	450 mL/min	49.16'	6.96	11.66

COND	TURB	REDOX	D.O.	T.D.
0.662	0.86	176.9	2.27	127.8' BTOC

MW-21A RV/EW Project 5403.001
IDTW: 39.40 START TIME: 10:10
2" WELL w/o Dedicated Pump
AMW-021-032008 3 VOC 2 EXP
SAMPLE TIME: 10:30

LAST READINGS:	FR	DTW	pH	TEMP
	450	39.42	7.10	11.47

COND	TURB	REDOX	D.O.	TD
.519	1.95	-74.2	.52	128.8'

[signature] 4-4-08

Apr. 1 4th 2008 1st Qtr Sampling Event FNOP
Ralph Vest, Erik Weiss (ASW)

MW-21D RV/EW Project 5403.001
IDTW: 39.45 Start Time: 10:45
2" well w/o Dedicated Bladder Pump
BMW-021D-032008 Samples Taken 3voc 2EXP
SAMPLE TIME: 11:05

LAST READINGS	FR	DTW	pH	TEMP
	450mL/min	39.47	7.10	12.44
COND.	TURB	REDOX	D.O.	T.D.
Ø.520	Ø.64	-84.2	Ø.49	140.65

MW-03B RV/EW Project 5403.001
IDTW 49.05 Start Time 11:35
3" well w/o Dedicated Pump
BMW-003-032008 Samples Taken 3voc 2Exp
Sample Time: 11:55

Last Readings	FR	DTW	pH	TEMP
	400mL	49.05	6.52	12.89
COND	TURB	REDOX	D.O.	T.D.
.776	.29	79.7	7.90	101.00

MW-03A RV/EW Project 5403.001
IDTW: 48.85 START TIME: 12:10
3" WELL W/O DEDICATED BLADDER PUMP
AMW-003-032008 3VOC 2EXP
SAMPLE TIME: 12:35

LAST READINGS	FR	DTW	pH	TEMP
	400mL/min	48.85	6.78	13.72
COND.	TURB	REDOX	D.O.	T.D.
0.787	2.69	97.0	2.22	149.20

4-4-08

April 4th 2008 1st Quarter MW Sampling Event 2008.
Ralph Vest, Erik Weiss (ASW)

MW-25B RV/EW Project 5403.001
IDTW 47.10 Start time 1310
2" Well w/o dedicated Pump (Sample Pro)
BMW-025-032008 Sample Taken 2EXP
Sample Time 1330

Last Reading	FR	DTW	PH	Temp
	400	47.12	6.51	13.18
Cond	Turb	Redox	DO.	TD
.487	Ø.43	126.6	8.09	~~157.80~~ 87.30

MW-25A RV/EW Project 5403.001
IDTW 47.63 Start Time 13:50
2" Well w/o dedicated Bladder Pump (Sample Pro Pump)
AMW-025-032008 Sample Taken 2EXP
Sample Time 1410

Last Reading	FR	DTW	PH	Temp
	400	47.63	7.17	14.68
Cond.	Turb	Redox	DO.	TD
Ø.558	6.54	-90.8	Ø.6Ø	157.80

MW-06B RV/EW Project 5403.001
IDTW 42.27 START TIME: 14:50
3" Well w/o Dedicated Bladder Pump (SAMPLE PRO PUMP)
BMW-006-032008 2EXP
SAMPLE TIME: 15:10

LAST READINGS	FR	DTW	PH	TEMP
	400mL/min	42.27 3VOC	6.68	13.05
COND.	TURB	REDOX	D.O.	T.D.
Ø.483	Ø.41	87.6	8.67	66.70

4-4-08

April 4th 2008 1st Qtr Sampling Event FNOP
RALPH VEST, ERIK WAISS (ASW)

MW-06A RV/EW Project 5403.001
IDTW: 42.08 START TIME: 1525
3" WELL w/o DEDICATED BLADDER PUMP (Sample Pro Pump)
AMW-006-032008 SAMPLES TAKEN 2EXP
SAMPLE TIME: 15:40

LAST READINGS	FR	DTW	PH	TEMP
	400ml/min	42.08	6.99	15.48
COND	TURB	REDOX	D.O.	T.D.
0.625	0.55	89.0	2.74	104.40

ASW
4-4-08

2008

April 7th 2008 1st Quarter MW Sampling Event 101
Ralph Vest Greg Etter (ASW)

MS/MSD MW-10B RV/GE Project 5403.001
IDTW 41.07 StartTime 0905
QA/QC 3" Well w/o dedicated Pump.
BMW-010-032008 Samples Taken 10exp 15 Voc
MS/MSD, QA/QC. Sample Time 0925

Last Reading	FR	DTW	PH	Temp
	400ml	41.07	6.58	10.70

Cond	Turb	Redox	D.O.	TD
.343	.51	-0.6	6.07	65.09

MW-10A RV/GE Project 5403.001
IDTW 41.14 StartTime 1030
3" Well w/o dedicated Pump
AMW-010-032008 Samples Taken 3voc 2voc
Sample Time 1050

Last Reading	FR	DTW	PH	Temp
	400ml	41.14	6.82	11.16

Cond	Turb	Redox	D.O.	TD.
.417	.67	-12.9	3.51	104.70

TRB-210-032008 Sample Time 0925 2voc
TRB-410-032008 Sample Time 0925 2voc
RIN-010-032008 Sample Time 1120 3voc 2EXP

MW-024B RV/GE Project 5403.001
IDTW 43.15 StartTime 1155
2" Well w/o dedicated Pump
BMW-021-032008 Samples Taken 3voc 2EXP
Sample Time 1215

Last Reading	FR	DTW	PH	Temp
	500m	43.19	6.62	11.61

Cond	Turb.	Redox	D.O.	T.D.
.513	1.53	-0.1	8.02	68.20

FWOP

April 7th 2008 1st Quarter MW Sampling Event
Ralph Vest, Greg Etter (ASW)

MW-24A RU/GE Project 5403.001
IDTW 43.34 Start Time 1230
2" well w/dedicated Pump
AMW-024-032008 Sample Taken 3voc 2EXP
Sample Time 1250

Last Reading	FR	DTW	PH	Temp
	420	43.34	7.01	11.20

Cond	Turb	Redox	DO	TD
.661	17.3	-24.1	.75	124.0

MW-15 RU/GE Project 5403.001
IDTW 47.80 Start Time 1330
3" well w/dedicated Pump
AMW-15-032008 Samples Taken 3voc
Sample Time 1350

Last Reading	FR	DTW	PH	Temp
	250ml	47.90	6.61	13.37

Cond	Turb	Redox	DO	TD
.479	1.35	106.5	9.05	48.80

MW-18A RU/GE Project 5403.001
IDTW 43.93 Start Time 1435.
2" well w/dedicated Pump.
AMW-018-032008 Samples Taken 3voc 2EXP
Sample Time 1455

Last Reading	FR	DTW	PH	Temp
	500ml	43.93	7.00	17.93

Cond	Turb	Redox	DO	TD
1.061	13.2	-22.5	1.40	129.45

Ralph Vest 4-7-08

2008 FWOP

April 7th 2008 1st Quarter MW Sampling Event
Ralph Vest, Greg Etter (ASW)

MW-18B RU/GE Project 5403.001
IDTW 44.70 Start Time 1515
3" well w/dedicated Bladder
BMW-018-032008 Samples Taken 3voc 2EXP
Samples Time 1535

Last Reading	FR	DTW	PH	Temp
	500ml	44.70	6.76	11.40

Cond	Turb	Redox	DO	TD
.415	2.39	-9.8	.65	103.15

MW-18C RU/GE Project 5403.001
IDTW 42.45 Start Time 1550
3" well w/dedicated Pump
CMW-018-032008 Samples Taken 3voc 2EXP
Sample Time 1610

Last Reading	FR	DTW	PH	Temp
	500ml	42.45	6.62	11.33

Cond	Turb	Redox	DO	TD
.531	1.20	-1.7	3.24	49.30

Ralph Vest 4-7-08

April 8th 2008 1st Quarter Sampling Event MW
Ralph Vest, Ben Prichard (ASW)

MW 31B RJ/BP Project 5403.001
QC IDTW 52.31 Start Time 0925
EXP 2" Well w/o/dedicated Pump.
BMW-031-032008 Sample Taken 3voc 4EXP
Sample Time 0945
Last Reading FR DTW PH Temp
400m 52.32 6.49 9.72
Cond Turb Redox D.O. TD
.389 9.04 169.2 9.65 62.70

MW 31A RJ/BP ~~Start time~~ Project 5403.001
IDTW 52.15 Start time 1015
2" Well w/o/dedicated Pump
AMW-031-032008 Samples Taken 3voc 2EXP
Sample Time 1035
Last Reading FR DTW PH Temp
500ml 52.16 6.96 10.15
Cond Turb Redox DO TD
.497 7.43 165.8 4.81 104.20

RIN-031-032008 1108 3voc 2EXP

MW-28A RJ/BP Project 5403.001
IDTW 53.79 Start Time 1200
2" Well w/o/dedicated Pump
AMW-028-032008 Samples Taken 2EXP
Sample Time 1220
Last Reading FR DTW PH Temp
500ml 53.79 7.27 10.84
Cond Turb Redox DO TD
.566 1.32 -66.3 .58 140.20

R.M. Vest 4-8-08

Ralph Vest Ben Prichard (ASW)

MW-28B RJ/BP Project 5403.001
IDTW 54.37 Start Time 1240
2" well w/o/dedicated Pump.
BMW-028-032008 Sample Taken 2EXP
Sample Time 1300
Last Reading FR DTW PH Temp
500ml 54.37 6.00 11.01
Cond Turb. Redox D.O. TD
.646 13.7 128.3 8.80 80.00

MW-28D RJ/BP Project 5403.001
IDTW 53.59 Start time 1325
2" Well w/o/dedicated Pump
DMW-028-032008 Sample Taken 2EXP
Sample Time 1345
Last Reading FR DTW PH Temp
400ml 53.59 7.21 11.05
Cond Turb Redox DO TD
.566 4.82 -62.4 .65 151.30

MW-64B RJ/BP Project 5403.001
QC IDTW 27.82 Start time 1520
VOC/EXP 2" Well w/o/dedicated Pump
BMW-064-032008 Sample Taken 4EXP 6VOC
Sample Time 1540
Last Reading FR DTW PH Temp
~~28.80~~ 300ml 28.80 6.41 14.15
Cond Turb Redox DO TD
.368 3.07 123.3 6.35 31.30

R.M. Vest 4-8-08

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Appendix C
Reference Sheet
Data Validation Qualifiers
Drinking Water Standards

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Data Qualifiers and Drinking Water Standards Reference Sheet
Former Nebraska Ordnance Plant, Mead, Nebraska

Any qualifiers (i.e. U, J, or R) listed after a result are assigned during the data validation process. Data validation is a procedure which involves the review of quality control data provided by the laboratory. This review is followed by the assignment of data qualifiers (if necessary) which indicate the reliability of a result to the reader. Data validation is performed by a chemist employed outside of the laboratory or associated government installations to ensure accuracy in data reporting. A description of qualifiers is provided below.

No qualifier

- If a result has no assigned qualifier, the contaminant was detected, and the reader can be confident that the concentration is exact.

"U"

- A result followed by a "U" qualifier means that the contaminant was undetected, or not detected by the instrument.

"UJ"

- A result followed by a "UJ" qualifier means that the contaminant was not detected, but the associated detection level is not certain (estimated). For example, if a value is followed by a "UJ", the contaminant was not detected, but the associated detection level is in question. The detection level is in question because one or more of the laboratory quality control indicators do not meet acceptance criteria. The amount that the indicator fell outside of the criteria may be used as a rough estimate of how much the actual detection level differs from the stated one. Typically, this is a 10-30% difference.

"UR"

- A result followed by a "UR" qualifier means that the contaminant was not detected, but there is strong doubt that the associated detection level is accurate. For example, if a value is followed by a "UR", the contaminant was not detected, but the associated detection level is in strong doubt. The detection level is in doubt because results are unacceptable for a quality control indicator. In this case, the detection level cannot be estimated.

"J"

- A result followed by only a "J" qualifier means that the contaminant was detected, but there is some question that the stated concentration is exact. For example, if a result is "0.5 J", the contaminant was detected, but there is some question that the concentration is exactly 0.5. A "J" qualifier may be applied for two reasons: (1) the contaminant was detected below the reporting limit; or (2) the contaminant was detected, but one or more quality control indicators did not meet acceptance criteria. The reporting limit is equal to the concentration of the lowest standard used by the laboratory to calibrate the instrument. The reporting limit is the minimum concentration that can be stated with complete confidence.

“R”

- A result followed by only an “R” qualifier means that the contaminant was detected, but there is strong doubt that the concentration is exact. For example, if a result is “0.5 R”, the contaminant was detected, but there is strong doubt that the concentration is exactly 0.5. The concentration is in doubt because results are unacceptable for a quality control indicator. In this case, the detected concentration cannot be estimated. For comparison purposes, detected results are reported in the results letters with available Environmental Protection Agency drinking water standards. These standards include the maximum contaminant level (MCL) and various health advisories (HA). A description of the drinking water standards is provided below.

“MCL”

- The maximum contaminant level is the highest concentration of a contaminant that is allowed in drinking water. Maximum contaminant levels are enforceable Federal standards.

“HA”

- Health advisories provide estimates of acceptable drinking water concentrations for a chemical substance based on health effects information. Health advisories are not enforceable Federal standards, but serve as a technical guidance to assist Federal, State, and local officials.

Appendix D
Analytical Results on Compact Disc Summary Forms and Raw Data

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QUALITY CONTROL SUMMARY REPORT

First Quarter 2008
Surface Water Sampling Event
Former Nebraska Ordnance Plant
Mead, Nebraska

Prepared for

U.S. Army Corps of Engineers
Kansas City Districts

July 2008

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TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(Read instructions on the reverse side prior to initiating this form)*	DATE: July 31, 2008	TRANSMITTAL NO. 2008-018

SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by contractor)

Attn: Jerry Montgomery USACE, Kansas City District 601 E. 12th St. Kansas City, MO 64106-2896	FROM: John Ryder ECC 1746 Cole Blvd, Bldg 21, Lakewood, CO 80401	CONTRACT NO. W912DQ-04-D-0017, Task Order 0001	CHECK ONE: __X__ THIS IS A NEW TRANSMITTAL ____ THIS IS A RESUBMITTAL OF TRANSMITTAL _____
SPECIFICATION SECTION NO. (cover only one section with each transmittal)	PROJECT TITLE AND LOCATION: Groundwater Monitoring Program, Former Nebraska Ordnance Plant, Mead, Nebraska		CHECK ONE: ___ FIO __X__ For Govt. Approval

ITEM NO. *a.*	DESCRIPTION OF ITEM SUBMITTED *(Type, size, model number, etc.)* *b.*	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. *(See instruction No. 8)* *c.*	NO. OF COPIES *d.*	CONTRACT REFERENCE DOCUMENT SPEC. PARA. NO. *e.*	DRAWING SHEET NO. *f.*	FOR CONTRACTOR USE CODE *g.*	VARIATION *(See instruc. no. 6)* *h.*	FOR C E USE CODE *i.*
1	Quality Control Summary Report		1					
	First Quarter 2008 Surface Water Sampling Event							

REMARKS	I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as otherwise stated. John Ryder, Denver Science & Engineering Group _____ NAME AND SIGNATURE OF CONTRACTOR
Sandeep Mehta (USACE) Jason Leibbert (USACE) David Nelson (USACE) Natalae Tillman (USACE) Kristine Stein (USACE)	

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by Item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

Quality Control Summary Report
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant
Mead, Nebraska

1.0 INTRODUCTION

ECC was contracted by the United States Army Corps of Engineers (USACE), Kansas City District to conduct quarterly surface water sampling events at the former Nebraska Ordnance Plant (NOP) near Mead, Nebraska. For the first quarter (March) 2008 sampling event, surface water samples were collected and analyzed for contaminants of concern and additional compounds. The work was performed in accordance with the *Surface Water Sampling Work Plan* (ECC, 2006a). The surface water Work Plan is Appendix A to the groundwater monitoring well Work Plan (ECC, 2006b) which contains the Field Sampling Plan and Quality Assurance Project Plan (QAPP) applicable to both monitoring well and surface water sampling. This QCSR is a summary of the chemical data quality review for the first quarter 2008 surface water sampling event.

Samples were analyzed for one or both of the following constituents:

- Volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8260B
- Explosives by EPA Method 8330.

All analyses were performed by TestAmerica of South Burlington, Vermont.

Table 1-1 presents the sampled surface water locations, corresponding sample identifications (IDs), and required analyses for the first quarter 2008 surface water sampling event. The Chain of Custody record (COC) and field notes are included as Appendices A and B, respectively. Appendix C presents an explanation of data validation qualifiers. Appendix D contains a CD with analytical data, including summary forms and raw data.

2.0 FIELD SAMPLING ACTIVITIES

During the first quarter 2008 surface water sampling event, 14 surface water locations were sampled. In addition, two QC samples (field sample duplicates) and one matrix spike (MS) / matrix spike duplicate (MSD) sample were collected. One trip blank was also collected for the volatile analysis.

Table 2-1 provides the following sample collection information listed by date sampled and laboratory sample ID for ease of comparison to laboratory data packages and field notes:

- QC split sample information;
- MS/MSD sample information;
- A cross-reference between laboratory sample IDs and field sample IDs;
- Sample delivery group (SDG) numbers;
- Dates of sample collection and sample receipt by the laboratory;
- COC number; and
- Requested analyses.

3.0 ANALYTICAL RESULTS

A summary of the analytical results is presented in Table 3-1 (VOCs) and Table 3-2 (explosives). Detections are presented in Table 3-3 (VOCs) and Table 3-4 (explosives). Field duplicate results are presented in Tables 3-5 (VOCs) and 3-6 (explosives). Trip blank results for TRB-204-032008 are presented in Table 3-7. The data in Tables 3-1 through 3-7 are presented alpha-numerically by surface water location, as listed in Table 1-1.

4.0 DATA QUALITY EVALUATION PROCEDURES

The following subsections present results of the data quality evaluation. This evaluation was performed in accordance with *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007) and the *Data Quality Evaluation Guidance, USACE CENWK-EC-EF* (USACE, 2001). Qualifiers were assigned based on laboratory QC criteria. The data quality evaluation results are presented in Table 4-1 according to field sample ID. Table 4-2 presents QC outliers for the VOC analyses and Table 4-3 presents QC outliers for explosives.

4.1 Sample Receipt at the Laboratory

Preservation was not listed on the chain-of-custody (COC) records; however, according to the Sample Receiving Checklists, the samples were received at the laboratory properly preserved and on ice. The sample coolers were received within the recommended temperature range of 4 ± 2 °C.

4.2 Holding Times

All samples were extracted and analyzed within method-specific holding times.

4.3 Tuning and Calibration

According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), assessment of tune and calibration information is assessed using the laboratory case-narrative or summary forms. No deviations from method or Laboratory Quality Management Plan (LQMP) specifications for the calibration and tuning of pertinent instrumentation were reported by the laboratory in the project-specific case narrative with the exceptions noted below.

The case narrative indicated that the responses for bromomethane, chloroethane, and 2-hexanone from the initial calibrations were outside quality control criteria. Evaluation of the initial calibration summary Form 6 indicated that the %RSD for 2-hexanone was less than 30% and no action was required. However, %RSDs for bromomethane (31.4%) and chloroethane (36.2%) in the March 07, 2008 initial calibration and for chloroethane (35.1%) in the March 13, 2008 initial calibration exceeded 30%. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007) detections are qualified as estimated (J) and non-detects are qualified as estimated (UJ) if the %RSD exceeds 30%. Therefore, the following non-detected results were qualified as estimated (UJ):

- Bromomethane in samples SCW-004-032008, SCW-005-032008, SCW-006-032008, SW-005-032008, SW-006-032008, SW-008-032008, SW-208-032008, SW-009-032008, SW-010-032008, SW-210-032008, SW-011-032008, SW-012-032008, SW-013-032008, SW-015-032008, SW-016-032008), and TRB-204-032008
- Chloroethane in samples 0ART-032008, SCW-004-032008, SCW-005-032008, SCW-006-032008, SW-005-032008, SW-006-032008, SW-008-032008, SW-208-032008, SW-009-032008, SW-010-032008, SW-210-032008, SW-011-032008, SW-012-032008, SW-013-032008, SW-015-032008, SW-016-032008, and TRB-204-032008

Evaluation of the continuing calibration summary Form 7s indicated that the %D for bromomethane at 37.3% in the March 11, 2008 continuing calibration was greater than 25%, but less than 50%. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007) detections are qualified as estimated (J) if the %D exceeds 25%. No action is required for non-detected results. Therefore, no action was required because bromomethane was not detected in the associated samples.

Refer to Table 4-2 for the VOC calibration outliers.

4.4 Laboratory Method Blanks

A laboratory method blank is an analyte-free matrix that is carried through the entire preparation and analysis sequence for the purpose of identifying potential contamination introduced during preparation and analysis. Method blanks were analyzed for each sample batch for all analyses.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detections were qualified as non-detect (U) if the concentration in the sample was less than five

times the concentration in the associated blank. For common laboratory contaminants, results were qualified as described above if the concentration in the sample was less than ten times the concentration in the associated blank. Sample results that are either non-detect (U), or greater than five or ten times the blank result do not require qualification.

Method blanks were analyzed with each sample batch for all analyses. No target analytes were detected in the method blanks.

4.5 Trip Blanks

A trip blank is an analyte-free matrix that accompanies samples through the sample collection and transportation process to identify potential VOC contamination. In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detections are qualified as non-detect (U) if the concentration in the sample is less than five times the concentration in the associated blank (ten time for common laboratory contaminants). Sample results that are either non-detect (U), or greater than five times the blank result do not require qualification.

A trip blank accompanied samples submitted for analysis of VOCs, as required. No analytes were detected in the trip blank. Trip blank results for sample TRB-204-032008 are presented in Table 3-7.

4.6 Surrogates

Surrogates are compounds not normally found in the environment that are added (spiked) into samples prior to extraction (for extractable methods) and prior to analysis (for non-extractable methods). The percent recovery (% REC) of each surrogate is used to assess the success of the sample preparation process for each sample. All samples were spiked with appropriate surrogate compounds.

The % RECs for the surrogate 1,2-dinitrobenzene in samples SW-005-032008 (125%), SW-006-032008 (121%), SW-210-032008 (116%), and SW-016-032008 (117%) exceeded the laboratory QC limits of 70-115% on the primary column LC-18. In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the associated analytes in the affected samples are J-coded for detects if the % RECs are greater than the QC limits. No action is required for non-detects. Therefore, the following detected results were qualified as estimated (J):

- All detected explosive results in samples SW-005-032008, SW-006-032008, SW-210-032008, and SW-016-032008

All remaining surrogate results were within the respective % REC limits.

Refer to Table 4-3 for the explosives QC outliers.

4.7 Laboratory Control Sample / Laboratory Control Sample Duplicate

A laboratory control sample (LCS) consists of a matrix, similar to that of the field sample, which is spiked with known concentrations of analytes. The LCS % REC is a measure of the accuracy of the preparation and analytical methods. The laboratory control sample duplicate (LCSD) is a duplicate preparation and analysis of the LCS. The differences between the LCS and LCSD recoveries are used to calculate the relative percent difference (RPD), which is a measure of the precision of the preparation and analytical methods. LCS samples were analyzed for each sample batch for all analyses. LCSD samples were requested for analysis with each analytical batch that did not contain an MS/MSD.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the associated samples are J-coded for detects and UJ-coded for non-detects if the LCS % RECs are below the laboratory QC limits, but greater than 10%. Non-detects are R-coded if % RECs are less than 10%. Also in accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the associated samples are J-coded for detects if the % RECs are greater than the QC limits. No action is required for non-detects. Additionally, results for the affected analyte in the associated samples are J-coded for detects and UJ-coded for non-detects if the RPD exceeds 30%.

The LCS and LCSD % RECs for bromomethane at 55% and 62% respectively, were below the laboratory QC limits of 65-145% and the LCSD % REC for 1,2-dichloropropane at 65% was below the laboratory QC limits of 80-115% for the VOC analyses NA031108LCS/LCSD. Additionally, the RPD for 1,2-dichloropropane at 38% exceeded 30% in this LCS/LCSD. The LCSD % REC for 1,2-dichloropropane at 74% was also below the laboratory QC limits of 80-115% for the VOC analysis NB031008LCSD. The LCS % REC for HMX at 80% was below the laboratory QC limits of 85-115% for the explosive LCS analyses A030708LCS.

As a result of the low recoveries and/or elevated RPD, the following detected and non-detected results were qualified as estimated (J/UJ):

- Bromomethane in samples SW-005-032008, SW-006-032008, SW-008-032008, SW-208-032008, SW-009-032008, SW-010-032008, SW-210-032008, SW-011-032008, SW-012-032008, SW-013-032008, SW-015-032008, and SW-016-032008
- 1,2-Dichloropropane in samples SCW-004-032008, SCW-005-032008, SCW-006-032008, SW-005-032008, SW-006-032008, SW-008-032008, SW-208-032008, SW-009-032008, SW-010-032008, SW-210-032008, SW-011-032008, SW-012-032008, SW-013-032008, SW-015-032008, SW-016-032008, and TRB-204-032008
- HMX in all samples 0ART-032008, SCW-004-032008, SCW-005-032008, SCW-006-032008, SW-005-032008, SW-006-032008, SW-008-032008, SW-208-032008, SW-009-032008, SW-010-032008, SW-210-032008, SW-011-032008, SW-012-032008, SW-013-032008, SW-015-032008, and SW-016-032008

All other LCS/LCSD % RECs were within laboratory QC limits and all remaining RPDs were less than 30%. Refer to Table 4-2 (VOC) and Table 4-3 (explosives) for the QC outliers.

4.8 Matrix Spike / Matrix Spike Duplicate

MS/MSD analyses measure method accuracy and precision for a project-specific matrix. A field sample is split into three portions (original, MS, and MSD) and known amounts of analytes are added (spiked) into the MS and MSD portions of the sample. The analytical results of these two portions are compared to each other for reproducibility using the RPD. These results are also compared against the unspiked portion of the sample for % REC of the spiked analytes.

One set of MS/MSD samples were collected for sample SW-012-032008 and analyzed for the volatile and explosive analyses.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the parent sample are J-coded for detects and UJ-coded for non-detects if the MS/MSD % RECs are below the laboratory QC limits but greater than 10%. Non-detects are R-coded if % RECs are less than 10%. Also in accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the parent sample are J-coded for detects if the MS/MSD % RECs are greater than the QC limits. No action is required for non-detects.

The MS % REC for the volatile compound bromomethane at 61% was below the laboratory QC limits of 65-145% and the MS/MSD % RECs for the explosive compound HMX at 82% and 82%, respectively, were below the laboratory QC limits of 85-115% for sample SW-012-032008. As a result of the low recoveries, the following detected and non-detected results were qualified as estimated (J/UJ) in the parent sample:

- Bromomethane in sample SW-012-032008
- HMX in sample in sample SW-012-032008

All other MS/MSD % RECs and RPDs were within laboratory QC limits.

Refer to Table 4-2 (VOC) and Table 4-3 (explosives) for the QC outliers.

4.9 Field Duplicate Results

Field duplicate results provide information on the reproducibility of field sample results and account for error introduced from handling, shipping, storage, preparation, and analysis of field samples. Two field duplicate pairs were collected during the first quarter 2008 surface water sampling event. Field duplicate pairs are listed below.

- SW-008-032008 / SW-208-032008 (VOCs and Explosives)
- SW-010-032008 / SW-210-032008 (VOCs and Explosives)

In accordance with the *Data Quality Evaluation Guidance, USACE CENWK-EC-EF* (USACE, 2001), data are not qualified based solely on field duplicate sample results. Results within a factor of two of each other are considered to be in agreement. Results between a factor of two to three of each other are considered a minor discrepancy, and results greater than a factor of three are considered a major discrepancy.

All field duplicate results were within a factor of two of each other. Field duplicate results are presented in Tables 3-5 (VOCs) and 3-6 (explosives).

4.10 Dilutions and Reanalyses

Qualifiers assigned as a result of calibration range exceedance are not used in the calculation of analytical data completeness percentages if there are acceptable results from diluted sample analyses.

The following sample required a diluted analysis (3.9x) due to analyte concentrations above the calibration range:

- OART-032008 for trichloroethene (TCE)

The original sample results for TCE (91 ug/L) was flagged "E" by the laboratory as exceeding the calibration range and is considered an estimated value. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results exceeding the calibrations range are not used for reporting or project decisions when acceptable results from dilutions are available. Therefore, the diluted concentration (85 ug/L) should be used for TCE and the original undiluted analysis should be used for all other results for this sample. The diluted results other than the result for TCE are not used.

No qualifiers were assigned as a result of exceeded calibration ranges as acceptable results from diluted sample analyses were provided.

4.11 Other QC Parameters

A column comparison between the detected explosive results was made using explosive identification summary forms. The validator confirmed all reported explosives detections and column RPDs. The following results had RPDs greater than 40% and the results were qualified as estimated (J):

- 4-Amino-2,6-dinitrotoluene in samples 0ART-032008, SCW-004-032008, SCW-005-032008, SCW-006-032008, SW-005-032008, SW-006-032008, SW-008-032008, SW-010-032008, SW-210-032008, SW-012-032008, SW-015-032008, and SW-016-032008
- 1,3-Dinitrobenzene in samples SCW-006-032008, SW-005-032008, SW-006-032008, SW-008-032008, SW-208-032008, SW-012-032008, SW-013-032008, SW-015-032008, and SW-016-032008

- HMX in samples SW-005-032008, SW-006-032008, SW-008-032008, SW-208-032008, SW-009-032008, SW-010-032008, SW-210-032008, SW-012-032008, and SW-016-032008
- RDX in samples SW-005-032008, SW-006-032008, SW-008-032008, SW-208-032008, SW-210-032008, and SW-016-032008
- 2,6-Dinitrotoluene in samples SW-005-032008, SW-006-032008, SW-008-032008, SW-208-032008, SW-010-032008, SW-210-032008, SW-013-032008, and SW-016-032008
- 4-Nitrotoluene in samples SW-005-032008, SW-006-032008, SW-012-032008, and SW-015-032008
- 2-Nitrotoluene in samples SW-013-032008 and SW-015-032008

All other column RPDs for explosives results were less than 40%. Table 4-3 presents the explosives QC outliers and associated samples.

These qualifiers were not used to determine analytical completeness or project completeness (Section 5.0).

4.12 Laboratory Qualifiers

Analytes detected below the practical quantitation limit or reporting limit but above the lowest level of detection were quantified and results were assigned an estimated (J) qualifier by the laboratory. These qualifiers were carried over by the validator and were not used to determine analytical completeness or project completeness (Section 5.0).

5.0 OVERALL ASSESSMENT

The following subsections present the field completeness, analytical completeness, and project completeness determinations for the first quarter 2008 surface water sampling event. All completeness goals are established in the QAPP (ECC, 2006b).

5.1 Field Completeness

Field completeness for sample collection is assessed by comparing the number of samples collected to the number of samples planned for collection. Field completeness for explosives is 100%. Field completeness for VOCs is 100%. The overall field completeness percentage is therefore 100%. All field completeness percentages exceed the field completeness goal of 95%. Section 2.0 presents the field sampling activities, including any deviations from planned sampling. Table 5-1 presents field completeness values.

5.2 Analytical Completeness

Acceptable data is a measure of laboratory contract compliance. Acceptable data includes data that has not been rejected or qualified as estimated (J). Qualified data is considered acceptable if appropriate corrective actions were taken by the laboratory. The acceptable data completeness percentage for VOCs was 96% and exceeds the acceptable data completeness goal of 90%. However, the acceptable data completeness percentage for the explosives at 85% did not meet the acceptable data completeness goal of 90%. The overall acceptable data completeness is 94%, which is just below the overall acceptable data completeness goal of 95%.

Quality data is a measure of the percentage of usable data. Quality data includes all data except rejected data points, and does not include analyses for which replacement data points are available. Quality data completeness percentage for explosives is 100%, which exceeds the quality data completeness goals of 80% for each analytical method. Quality data completeness percentage for VOCs is 100%, which exceeds the quality data completeness goals of 80% for each analytical method. Overall quality data completeness is 100%, which exceeds the overall quality data completeness goal of 80%.

Table 5-2 presents acceptable and quality data completeness.

5.3 Project Completeness

Project completeness combines sampling and analytical completeness percentages to assess the success in achieving the expectations of the project as a whole. Project completeness is determined by comparing the percentage of usable samples/measurements to the percentage of planned or observed samples/measurements. For the field completeness portion, this involves comparison of the number of samples properly collected to the number of samples planned for collection. For the analytical data completeness portion, this involves comparison of the number of usable data points to the number of observed data points. The field completeness and analytical completeness (quality data) completeness percentages are used to calculate the project completeness percentage. Project completeness is 100%, which is above the project completeness goal of 90%.

Table 5-3 presents project completeness.

6.0 CONCLUSIONS

Data are valid for use, as qualified. Overall field completeness is 100%, acceptable data completeness is 100%, quality data completeness is 94%, and project completeness is 100%. Data results are valid for use as qualified.

7.0 REFERENCES

ECC, 2006a, *Surface Water Sampling Work Plan*, June.

ECC, 2006b, *Work Plan and Sampling and Analysis Plan for Groundwater Monitoring Well Sampling Sampling*.

ECC, 2007 *Mead Validation Guidelines*, (approved by USACE 2007).

USACE, 2001, *Data Quality Evaluation Guidance, USACE CENWK-EC-EF*, July.

Tables

Table 1-1
Sample Locations, Sample IDs, and Analyses
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Surface Water Locations	Sample IDs	Analyses[1]
ARTESIAN	0ART-032008	Explosives, Volatiles
SCW-04	SCW-004-032008	Explosives, Volatiles
SCW-05	SCW-005-032008	Explosives, Volatiles
SCW-06	SCW-006-032008	Explosives, Volatiles
SW-05	SW-005-032008	Explosives, Volatiles
SW-06	SW-006-032008	Explosives, Volatiles
SW-08	SW-008-032008	Explosives, Volatiles
SW-09	SW-009-032008	Explosives, Volatiles
SW-10	SW-010-032008	Explosives, Volatiles
SW-11	SW-011-032008	Explosives, Volatiles
SW-12	SW-012-032008	Explosives, Volatiles
SW-13	SW-013-032008	Explosives, Volatiles
SW-15	SW-015-032008	Explosives, Volatiles
SW-16	SW-016-032008	Explosives, Volatiles

Notes:

[1] = VOCs by Environmental Protection Agency (EPA) SW-846 Method 8260B and Explosives by EPA SW-846 Method 8330.

IDs = Identifications

Table 2-1
Sample Collection Summary
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Lab	COC Record Number	Lab ID	SDG	Analyses	
								VOCs	Explosives
Field Samples									
0ART-032008			3/4/2008	3/5/2008	None	742293	124382	●	●
SCW-004-032008			3/3/2008	3/5/2008	None	742281	124382	●	●
SCW-005-032008			3/3/2008	3/5/2008	None	742283	124382	●	●
SCW-006-032008			3/3/2008	3/5/2008	None	742284	124382	●	●
SW-005-032008			3/3/2008	3/5/2008	None	742288	124382	●	●
SW-006-032008			3/4/2008	3/5/2008	None	742290	124382	●	●
SW-008-032008			3/4/2008	3/5/2008	None	742291	124382	●	●
	SW-208-032008		3/4/2008	3/5/2008	None	742292	124382	●	●
SW-009-032008			3/3/2008	3/5/2008	None	742287	124382	●	●
SW-010-032008			3/4/2008	3/5/2008	None	742294	124382	●	●
	SW-210-032008		3/4/2008	3/5/2008	None	742295	124382	●	●
SW-011-032008			3/3/2008	3/5/2008	None	742285	124382	●	●
SW-012-032008			3/4/2008	3/5/2008	None	742289	124382	●	●
		SW-012-032008MS	3/4/2008	3/5/2008	None	742289MS	124382	●	●
		SW-012-032008MSD	3/4/2008	3/5/2008	None	742289MD	124382	●	●
SW-013-032008			3/3/2008	3/5/2008	None	742286	124382	●	●
SW-015-032008			3/4/2008	3/5/2008	None	742296	124382	●	●
SW-016-032008			3/4/2008	3/5/2008	None	742297	124382	●	●
Trip Blanks									
TRB-204-032008			3/3/2008	3/5/2008	None	742282	124382	●	

Notes:

● = Requested for the indicated analyses.
COC = Chain of Custody Record
ID = Identification
Lab = Laboratory
MS/MSD = Matrix Spike / Matrix Spike Duplicate
SDG = Sample Delivery Group
VOCs = Volatile Organic Compounds

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		ARTESIAN	SCW-004	SCW-005	SCW-006	SW-05	SW-06
Field Sample ID:		0ART-032008	SCW-004-032008	SCW-005-032008	SCW-006-032008	SW-005-032008	SW-006-032008
Laboratory Sample ID:		742293	742281	742283	742284	742288	742290
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/3/2008	3/3/2008	3/3/2008	3/3/2008	3/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 3.9 I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	0.56 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		ARTESIAN	SCW-004	SCW-005	SCW-006	SW-05	SW-06
Field Sample ID:		0ART-032008	SCW-004-032008	SCW-005-032008	SCW-006-032008	SW-005-032008	SW-006-032008
Laboratory Sample ID:		742293	742281	742283	742284	742288	742290
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/3/2008	3/3/2008	3/3/2008	3/3/2008	3/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 3.9 I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Acetone	µg/l	5.0 U	5.4	5.9	6.7	9.3	7.4
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	0.56 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:			ARTESIAN	SCW-004	SCW-005	SCW-006	SW-05	SW-06
Field Sample ID:			0ART-032008	SCW-004-032008	SCW-005-032008	SCW-006-032008	SW-005-032008	SW-006-032008
Laboratory Sample ID:			742293	742281	742283	742284	742288	742290
Laboratory Name			TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:			3/4/2008	3/3/2008	3/3/2008	3/3/2008	3/3/2008	3/4/2008
Field QC			Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information			DL 3.9 I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
Naphthalene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	(3.9x)	85	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		SW-08	SW-08	SW-09	SW-10	SW-10	SW-11
Field Sample ID:		SW-008-032008	SW-208-032008	SW-009-032008	SW-010-032008	SW-210-032008	SW-011-032008
Laboratory Sample ID:		742291	742292	742287	742294	742295	742285
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/3/2008	3/4/2008	3/4/2008	3/3/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Original Sample	Field Duplicate	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		SW-08	SW-08	SW-09	SW-10	SW-10	SW-11
Field Sample ID:		SW-008-032008	SW-208-032008	SW-009-032008	SW-010-032008	SW-210-032008	SW-011-032008
Laboratory Sample ID:		742291	742292	742287	742294	742295	742285
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/3/2008	3/4/2008	3/4/2008	3/3/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Original Sample	Field Duplicate	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Acetone	µg/l	6.0	7.0	5.0 U	5.8	5.9	2.8 J
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		SW-08	SW-08	SW-09	SW-10	SW-10	SW-11
Field Sample ID:		SW-008-032008	SW-208-032008	SW-009-032008	SW-010-032008	SW-210-032008	SW-011-032008
Laboratory Sample ID:		742291	742292	742287	742294	742295	742285
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/3/2008	3/4/2008	3/4/2008	3/3/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Original Sample	Field Duplicate	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	7.6	8.3	1.0 U	6.2	6.7	1.0 U
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		SW-12	SW-13	SW-15	SW-16
Field Sample ID:		SW-012-032008	SW-013-032008	SW-015-032008	SW-016-032008
Laboratory Sample ID:		742289	742286	742296	742297
Laboratory Name		TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/3/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**				
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		SW-12	SW-13	SW-15	SW-16
Field Sample ID:		SW-012-032008	SW-013-032008	SW-015-032008	SW-016-032008
Laboratory Sample ID:		742289	742286	742296	742297
Laboratory Name		TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/3/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**				
Acetone	µg/l	3.0 J	4.3 J	7.1	7.2
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		SW-12	SW-13	SW-15	SW-16
Field Sample ID:		SW-012-032008	SW-013-032008	SW-015-032008	SW-016-032008
Laboratory Sample ID:		742289	742286	742296	742297
Laboratory Name		TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/3/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**				
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	1.2	1.3	1.0 U	6.3
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a “U” qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a “J” qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a “UJ” qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis

DL = Diluted analysis

“1” = Dilution factor

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	ARTESIAN		SCW-004		SCW-005		SCW-006		SW-05		SW-06	
	Field Sample ID:	0ART-032008		SCW-004-032008		SCW-005-032008		SCW-006-032008		SW-005-032008		SW-006-032008	
	Laboratory Sample ID:	742293		742281		742283		742284		742288		742290	
	Laboratory Name	TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
	Sample Date:	3/4/2008		3/3/2008		3/3/2008		3/3/2008		3/3/2008		3/4/2008	
	Field QC	Original Sample		Original Sample		Original Sample		Original Sample		Original Sample		Original Sample	
	Analysis Information	I 1		I 1		I 1		I 1		I 1		I 1	
Explosives	**Units**												
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.37	J	0.25	J	0.20	J
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.16	J	0.13	J
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2-Nitrotoluene	µg/l	0.25	U	0.96		0.97		0.95		0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	0.026	J	1.7	J	1.8	J	1.7	J	1.8	J	1.5	J
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	1.7	J	1.3	J
HMX	µg/l	0.24	J	0.25	UJ	0.25	UJ	0.25	UJ	0.62	J	0.46	J
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	3.5		0.25	U	0.25	U	0.25	U	6.2	J	5.5	J
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-08		SW-08		SW-09		SW-10		SW-10		SW-11	
	Field Sample ID:	SW-008-032008		SW-208-032008		SW-009-032008		SW-010-032008		SW-210-032008		SW-011-032008	
	Laboratory Sample ID:	742291		742292		742287		742294		742295		742285	
	Laboratory Name	TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
	Sample Date:	3/4/2008		3/4/2008		3/3/2008		3/4/2008		3/4/2008		3/3/2008	
	Field QC	Original Sample		Field Duplicate		Original Sample		Original Sample		Field Duplicate		Original Sample	
	Analysis Information	I 1		I 1		I 1		I 1		I 1		I 1	
Explosives	**Units**												
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.17	J	0.19	J	0.25	U	0.18	J	0.18	J	0.25	U
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.099	J	0.097	J	0.25	U	0.10	J	0.092	J	0.25	U
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
2-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	1.4	J	1.4		0.25	U	1.4	J	1.5	J	0.25	U
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
HMX	µg/l	0.41	J	0.45	J	0.25	J	0.39	J	0.38	J	0.25	UJ
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	5.5	J	5.2	J	0.25	U	5.9		4.8	J	0.25	U
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-12		SW-13		SW-15		SW-16	
	Field Sample ID:	SW-012-032008		SW-013-032008		SW-015-032008		SW-016-032008	
	Laboratory Sample ID:	742289		742286		742296		742297	
	Laboratory Name	TALVT		TALVT		TALVT		TALVT	
	Sample Date:	3/4/2008		3/3/2008		3/4/2008		3/4/2008	
	Field QC	Original Sample		Original Sample		Original Sample		Original Sample	
	Analysis Information	I 1		I 1		I 1		I 1	
Explosives	**Units**								
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.025	J	0.062	J	0.33	J	0.18	J
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.25	U	0.045	J	0.25	U	0.097	J
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.12	J	0.25	U
2-Nitrotoluene	µg/l	0.25	U	0.36	J	0.51	J	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	0.25	J	0.25	U	1.1	J	1.5	J
4-Nitrotoluene	µg/l	0.57	J	0.25	U	0.079	J	0.25	U
HMX	µg/l	0.12	J	0.25	UJ	0.25	UJ	0.36	J
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	1.7		0.25	U	1.8		5.0	J
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a “U” qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a “J” qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a “UJ” qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

TALVT = TestAmerica, Vermont

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

“1” = Dilution factor

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:			ARTESIAN	SCW-004	SCW-005	SCW-006	SW-05	SW-06	SW-08	SW-08
Field Sample ID:			0ART-032008	SCW-004-032008	SCW-005-032008	SCW-006-032008	SW-005-032008	SW-006-032008	SW-008-032008	SW-208-032008
Laboratory Sample ID:			742293	742281	742283	742284	742288	742290	742291	742292
Laboratory Name			TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:			3/4/2008	3/3/2008	3/3/2008	3/3/2008	3/3/2008	3/4/2008	3/4/2008	3/4/2008
Field QC			Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate
Analysis Information			DL 3.9 I 1	I 1	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**									
1,2-Dichloroethene (total)	µg/l		0.56 J							
Acetone	µg/l			5.4	5.9	6.7	9.3	7.4	6.0	7.0
cis-1,2-Dichloroethene	µg/l		0.56 J							
Trichloroethene	µg/l	(3.9x)	85						7.6	8.3

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-10	SW-10	SW-11	SW-12	SW-13	SW-15	SW-16
	Field Sample ID:	SW-010-032008	SW-210-032008	SW-011-032008	SW-012-032008	SW-013-032008	SW-015-032008	SW-016-032008
	Laboratory Sample ID:	742294	742295	742285	742289	742286	742296	742297
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/4/2008	3/4/2008	3/3/2008	3/4/2008	3/3/2008	3/4/2008	3/4/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
1,2-Dichloroethene (total)	µg/l							
Acetone	µg/l	5.8	5.9	2.8 J	3.0 J	4.3 J	7.1	7.2
cis-1,2-Dichloroethene	µg/l							
Trichloroethene	µg/l	6.2	6.7		1.2	1.3		6.3

Table 3-3
Detections - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:
I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	ARTESIAN		SCW-004		SCW-005		SCW-006		SW-05		SW-06	
	Field Sample ID:	0ART-032008		SCW-004-032008		SCW-005-032008		SCW-006-032008		SW-005-032008		SW-006-032008	
	Laboratory Sample ID:	742293		742281		742283		742284		742288		742290	
	Laboratory Name	TALVT		TALVT		TALVT		TALVT		TALVT		TALVT	
	Sample Date:	3/4/2008		3/3/2008		3/3/2008		3/3/2008		3/3/2008		3/4/2008	
	Field QC	Original Sample		Original Sample		Original Sample		Original Sample		Original Sample		Original Sample	
	Analysis Information	I 1		I 1		I 1		I 1		I 1		I 1	
Explosives	**Units**												
1,3-Dinitrobenzene	µg/l							0.37	J	0.25	J	0.20	J
2,6-Dinitrotoluene	µg/l									0.16	J	0.13	J
2-Amino-4,6-dinitrotoluene	µg/l												
2-Nitrotoluene	µg/l			0.96		0.97		0.95					
4-Amino-2,6-dinitrotoluene	µg/l	0.026	J	1.7	J	1.8	J	1.7	J	1.8	J	1.5	J
4-Nitrotoluene	µg/l									1.7	J	1.3	J
HMX	µg/l	0.24	J							0.62	J	0.46	J
RDX	µg/l	3.5								6.2	J	5.5	J

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-08		SW-08		SW-09	SW-10		SW-10		
	Field Sample ID:	SW-008-032008		SW-208-032008		SW-009-032008	SW-010-032008		SW-210-032008		
	Laboratory Sample ID:	742291		742292		742287	742294		742295		
	Laboratory Name	TALVT		TALVT		TALVT	TALVT		TALVT		
	Sample Date:	3/4/2008		3/4/2008		3/3/2008	3/4/2008		3/4/2008		
	Field QC	Original Sample		Field Duplicate		Original Sample	Original Sample		Field Duplicate		
	Analysis Information	I 1		I 1		I 1	I 1		I 1		
Explosives	**Units**										
1,3-Dinitrobenzene	µg/l	0.17	J	0.19	J		0.18	J	0.18	J	
2,6-Dinitrotoluene	µg/l	0.099	J	0.097	J		0.10	J	0.092	J	
2-Amino-4,6-dinitrotoluene	µg/l										
2-Nitrotoluene	µg/l										
4-Amino-2,6-dinitrotoluene	µg/l	1.4	J	1.4			1.4	J	1.5	J	
4-Nitrotoluene	µg/l										
HMX	µg/l	0.41	J	0.45	J	0.25 J	0.39	J	0.38	J	
RDX	µg/l	5.5	J	5.2	J		5.9		4.8	J	

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-12		SW-13		SW-15		SW-16	
	Field Sample ID:	SW-012-032008		SW-013-032008		SW-015-032008		SW-016-032008	
	Laboratory Sample ID:	742289		742286		742296		742297	
	Laboratory Name	TALVT		TALVT		TALVT		TALVT	
	Sample Date:	3/4/2008		3/3/2008		3/4/2008		3/4/2008	
	Field QC	Original Sample		Original Sample		Original Sample		Original Sample	
	Analysis Information	I 1		I 1		I 1		I 1	
Explosives	**Units**								
1,3-Dinitrobenzene	µg/l	0.025	J	0.062	J	0.33	J	0.18	J
2,6-Dinitrotoluene	µg/l			0.045	J			0.097	J
2-Amino-4,6-dinitrotoluene	µg/l					0.12	J		
2-Nitrotoluene	µg/l			0.36	J	0.51	J		
4-Amino-2,6-dinitrotoluene	µg/l	0.25	J			1.1	J	1.5	J
4-Nitrotoluene	µg/l	0.57	J			0.079	J		
HMX	µg/l	0.12	J					0.36	J
RDX	µg/l	1.7				1.8		5.0	J

Table 3-4
Detections - Explosive Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

TALVT = TestAmerica, Vermont

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

"1" = Dilution factor

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		SW-08	SW-08	SW-10	SW-10
Field Sample ID:		SW-008-032008	SW-208-032008	SW-010-032008	SW-210-032008
Laboratory Sample ID:		742291	742292	742294	742295
Laboratory Name		TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**				
1,1,1,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,3,5-Trimethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		SW-08	SW-08	SW-10	SW-10
Field Sample ID:		SW-008-032008	SW-208-032008	SW-010-032008	SW-210-032008
Laboratory Sample ID:		742291	742292	742294	742295
Laboratory Name		TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**				
Acetone	µg/l	6.0	7.0	5.8	5.9
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon Disulfide	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/l	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Freon TF	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:		SW-08	SW-08	SW-10	SW-10
Field Sample ID:		SW-008-032008	SW-208-032008	SW-010-032008	SW-210-032008
Laboratory Sample ID:		742291	742292	742294	742295
Laboratory Name		TALVT	TALVT	TALVT	TALVT
Sample Date:		3/4/2008	3/4/2008	3/4/2008	3/4/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**				
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/l	7.6	8.3	6.2	6.7
Trichlorofluoromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (m,p)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (o)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a “U” qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

UJ = Not Detected, Estimated: A result followed by a “UJ” qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis

DL = Diluted analysis

“1” = Dilution factor

Table 3-6
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-08		SW-08		SW-10		SW-10	
	Field Sample ID:	SW-008-032008		SW-208-032008		SW-010-032008		SW-210-032008	
	Laboratory Sample ID:	742291		742292		742294		742295	
	Laboratory Name	TALVT		TALVT		TALVT		TALVT	
	Sample Date:	3/4/2008		3/4/2008		3/4/2008		3/4/2008	
	Field QC	Original Sample		Field Duplicate		Original Sample		Field Duplicate	
	Analysis Information	I 1		I 1		I 1		I 1	
Explosives	**Units**								
1,3,5-Trinitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
1,3-Dinitrobenzene	µg/l	0.17	J	0.19	J	0.18	J	0.18	J
2,4,6-Trinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
2,4-Dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
2,6-Dinitrotoluene	µg/l	0.099	J	0.097	J	0.10	J	0.092	J
2-Amino-4,6-dinitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
2-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
4-Amino-2,6-dinitrotoluene	µg/l	1.4	J	1.4		1.4	J	1.5	J
4-Nitrotoluene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
HMX	µg/l	0.41	J	0.45	J	0.39	J	0.38	J
Nitrobenzene	µg/l	0.25	U	0.25	U	0.25	U	0.25	U
RDX	µg/l	5.5	J	5.2	J	5.9		4.8	J
Tetryl	µg/l	0.25	U	0.25	U	0.25	U	0.25	U

Table 3-6
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

TALVT = TestAmerica, Vermont

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

"1" = Dilution factor

Table 3-7
Trip Blank Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water		
	Station ID:	Trip Blank
	Field Sample ID:	TRB-204-032008
	Laboratory Sample ID:	742282
	Laboratory Name	TALVT
	Sample Date:	3/3/2008
	Field QC	Trip Blank
	Analysis Information	I 1
Volatile Organic Compounds	**Units**	
1,1,1,2-Tetrachloroethane	µg/l	1.0 U
1,1,1-Trichloroethane	µg/l	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U
1,1-Dichloroethane	µg/l	1.0 U
1,1-Dichloroethene	µg/l	1.0 U
1,1-Dichloropropene	µg/l	1.0 U
1,2,3-Trichlorobenzene	µg/l	1.0 U
1,2,4-Trichlorobenzene	µg/l	1.0 U
1,2,4-Trimethylbenzene	µg/l	1.0 U
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U
1,2-Dibromoethane	µg/l	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U
1,2-Dichloroethane	µg/l	1.0 U
1,2-Dichloroethene (total)	µg/l	1.0 U
1,2-Dichloropropane	µg/l	1.0 UJ
1,3,5-Trimethylbenzene	µg/l	1.0 U
1,3-Dichlorobenzene	µg/l	1.0 U
1,3-Dichloropropane	µg/l	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U
2-Butanone	µg/l	5.0 U
2-Chlorotoluene	µg/l	1.0 U
2-Hexanone	µg/l	5.0 U
4-Chlorotoluene	µg/l	1.0 U
4-Isopropyltoluene	µg/l	1.0 U
4-Methyl-2-pentanone	µg/l	5.0 U

Table 3-7
Trip Blank Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water		
	Station ID:	Trip Blank
	Field Sample ID:	TRB-204-032008
	Laboratory Sample ID:	742282
	Laboratory Name	TALVT
	Sample Date:	3/3/2008
	Field QC	Trip Blank
	Analysis Information	I 1
Volatile Organic Compounds	**Units**	
Acetone	µg/l	5.0 U
Benzene	µg/l	1.0 U
Bromobenzene	µg/l	1.0 U
Bromochloromethane	µg/l	1.0 U
Bromodichloromethane	µg/l	1.0 U
Bromoform	µg/l	1.0 U
Bromomethane	µg/l	1.0 UJ
Carbon Disulfide	µg/l	1.0 U
Carbon Tetrachloride	µg/l	1.0 U
Chlorobenzene	µg/l	1.0 U
Chloroethane	µg/l	1.0 UJ
Chloroform	µg/l	1.0 U
Chloromethane	µg/l	1.0 U
cis-1,2-Dichloroethene	µg/l	1.0 U
cis-1,3-Dichloropropene	µg/l	1.0 U
Dibromochloromethane	µg/l	1.0 U
Dibromomethane	µg/l	1.0 U
Dichlorodifluoromethane	µg/l	1.0 U
Ethylbenzene	µg/l	1.0 U
Freon TF	µg/l	1.0 U
Hexachlorobutadiene	µg/l	1.0 U
Isopropylbenzene	µg/l	1.0 U
Methylene Chloride	µg/l	1.0 U
Methyl-t-Butyl Ether	µg/l	1.0 U

Table 3-7
Trip Blank Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water		
	Station ID:	Trip Blank
	Field Sample ID:	TRB-204-032008
	Laboratory Sample ID:	742282
	Laboratory Name	TALVT
	Sample Date:	3/3/2008
	Field QC	Trip Blank
	Analysis Information	I 1
Volatile Organic Compounds	**Units**	
Naphthalene	µg/l	1.0 U
n-Butylbenzene	µg/l	1.0 U
n-Propylbenzene	µg/l	1.0 U
sec-Butylbenzene	µg/l	1.0 U
Styrene	µg/l	1.0 U
tert-Butylbenzene	µg/l	1.0 U
Tetrachloroethene	µg/l	1.0 U
Toluene	µg/l	1.0 U
trans-1,2-Dichloroethene	µg/l	1.0 U
trans-1,3-Dichloropropene	µg/l	1.0 U
Trichloroethene	µg/l	1.0 U
Trichlorofluoromethane	µg/l	1.0 U
Vinyl Chloride	µg/l	1.0 U
Xylene (m,p)	µg/l	1.0 U
Xylene (o)	µg/l	1.0 U
Xylene (total)	µg/l	1.0 U

Table 3-7
Trip Blank Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:
U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.
UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:
I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

Table 4-1
Data Evaluation Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification						Comments	Final Result
										CALs	SUR	LCS	MS	RPD	CR		
0ART-032008	3/4/2008	124382	742293	VOCs	Trichloroethene	µg/L	91	E	Not used						x	Calibration Range Exceeded Report TCE from Dilution	91 Not used
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
				Explosives	HMX		0.24	J	J			x				Low LCS %REC	0.24 J
					4-Amino-2,6-dinitrotoluene		0.026	J	J					x		RPD between column results exceeded 40%	0.026 J
0ART-032008DL	3/4/2008		742293DL	VOCs	All Results Except TCE		Various	U	Not used						x	Report only TCE from this Analysis	85 D
SCW-004-032008	3/3/2008		742281	VOCs	Bromomethane	µg/L	1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x				Low LCSD %REC	1 UJ
				Explosives	HMX		0.25	U	UJ			x				Low LCS %REC	0.25 UJ
					4-Amino-2,6-dinitrotoluene		1.7		J					x		RPD between column results exceeded 40%	1.7 J
SCW-005-032008	3/3/2008		742283	VOCs	Bromomethane	µg/L	1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x				Low LCSD %REC	1 UJ
				Explosives	HMX		0.25	U	UJ			x				Low LCS %REC	0.25 UJ
					4-Amino-2,6-dinitrotoluene		1.8		J					x		RPD between column results exceeded 40%	1.8 J
SCW-006-032008	3/3/2008		742284	VOCs	Bromomethane	µg/L	1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x				Low LCSD %REC	1 UJ
				Explosives	HMX		0.25	U	UJ			x				Low LCS %REC	0.25 UJ
					4-Amino-2,6-dinitrotoluene		1.7		J					x		RPD between column results exceeded 40%	1.7 J
					1,3-Dinitrobenzene		0.37		J					x		RPD between column results exceeded 40%	0.37 J

Table 4-1
Data Evaluation Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification						Comments	Final Result
										CALs	SUR	LCS	MS	RPD	CR		
SW-005-032008	3/3/2008	124382	742288	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %REC	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.62		J		x	x		x		Low LCS %REC High SUR %REC RPD between column results exceeded 40%	0.62 J
					4-Amino-2,6-dinitrotoluene		1.8		J		x			x		RPD between column results exceeded 40% High SUR %REC	1.8 J
					1,3-Dinitrobenzene		0.25		J		x			x		RPD between column results exceeded 40% High SUR %REC	0.25 J
					RDX		6.2		J		x			x		RPD between column results exceeded 40% High SUR %REC	6.2 J
					2,6-Dinitrotoluene		0.16	J	J		x			x		RPD between column results exceeded 40% High SUR %REC	0.16 J
					4-Nitrotoluene		1.7		J		x			x		RPD between column results exceeded 40% High SUR %REC	1.7 J

Table 4-1
Data Evaluation Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification						Comments	Final Result
										CALs	SUR	LCS	MS	RPD	CR		
SW-006-032008	3/4/2008	124382	742290	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %REC	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.46		J		x	x		x		Low LCS %REC High SUR %REC RPD between column results exceeded 40%	0.46 J
					4-Amino-2,6-dinitrotoluene		1.5		J		x			x		RPD between column results exceeded 40% High SUR %REC	1.5 J
					1,3-Dinitrobenzene		0.20	J	J		x			x		RPD between column results exceeded 40% High SUR %REC	0.2 J
					RDX		5.5		J		x			x		RPD between column results exceeded 40% High SUR %REC	5.5 J
					2,6-Dinitrotoluene		0.13	J	J		x			x		RPD between column results exceeded 40% High SUR %REC	0.13 J
					4-Nitrotoluene		1.3		J		x			x		RPD between column results exceeded 40% High SUR %REC	1.3 J
SW-008-032008	3/4/2008		742291	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %REC	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.41		J			x		x		Low LCS %REC RPD between column results exceeded 40%	0.41 J
					4-Amino-2,6-dinitrotoluene		1.4		J					x		RPD between column results exceeded 40%	1.4 J
					1,3-Dinitrobenzene		0.17	J	J					x		RPD between column results exceeded 40%	0.17 J
					RDX		5.5		J					x		RPD between column results exceeded 40%	5.5 J
					2,6-Dinitrotoluene		0.099	J	J					x		RPD between column results exceeded 40%	0.099 J

Table 4-1
Data Evaluation Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification						Comments	Final Result
										CALs	SUR	LCS	MS	RPD	CR		
SW-208-032008	3/4/2008	124382	742292	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %REC	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.45		J			x		x		Low LCS %REC RPD between column results exceeded 40%	0.45 J
					1,3-Dinitrobenzene		0.19	J	J					x		RPD between column results exceeded 40%	0.19 J
					RDX		5.2		J					x		RPD between column results exceeded 40%	5.2 J
					2,6-Dinitrotoluene		0.097	J	J					x		RPD between column results exceeded 40%	0.097 J
SW-009-032008	3/3/2008		742287	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %REC	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.25		J			x		x		Low LCS %REC RPD between column results exceeded 40%	0.25 J
SW-010-032008	3/4/2008		742294	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %REC	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.39		J			x		x		Low LCS %REC RPD between column results exceeded 40%	0.39 J
					4-Amino-2,6-dinitrotoluene		1.4		J					x		RPD between column results exceeded 40%	1.4 J
					2,6-Dinitrotoluene		0.10	J	J					x		RPD between column results exceeded 40%	0.1 J

Table 4-1
Data Evaluation Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification						Comments	Final Result
										CALs	SUR	LCS	MS	RPD	CR		
SW-210-032008	3/4/2008	124382	742295	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %REC	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.38		J		x	x		x		Low LCS %REC High SUR %REC RPD between column results exceeded 40%	0.38 J
					4-Amino-2,6-dinitrotoluene		1.5		J		x			x		RPD between column results exceeded 40% High SUR %REC	1.5 J
					RDX		4.8		J		x			x		RPD between column results exceeded 40% High SUR %REC	4.8 J
					1,3-Dinitrobenzene		0.18	J	J		x					High SUR %REC	0.18 J
					2,6-Dinitrotoluene		0.092	J	J		x			x		RPD between column results exceeded 40% High SUR %REC	0.092 J
SW-011-032008	3/3/2008		742285	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %REC	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.25	U	UJ			x				Low LCS %REC	0.25 UJ
SW-012-032008	3/4/2008		742289	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x	x			Initial Calibration %RSD >30% Low MS & LCS/LCSD %RECs	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.12	J	J			x	x	x		Low MS/MSD & LCS %RECs RPD between column results exceeded 40%	0.12 J
					4-Amino-2,6-dinitrotoluene		0.25		J					x		RPD between column results exceeded 40%	0.25 J
					1,3-Dinitrobenzene		0.025	J	J					x		RPD between column results exceeded 40%	0.025 J
					4-Nitrotoluene		0.57		J					x		RPD between column results exceeded 40%	0.57 J

Table 4-1
Data Evaluation Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification						Comments	Final Result
										CALs	SUR	LCS	MS	RPD	CR		
SW-013-032008	3/4/2008	124382	742289	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %RECs	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.25	U	UJ			x				Low LCS %REC	0.25 UJ
					1,3-Dinitrobenzene		0.062	J	J					x		RPD between column results exceeded 40%	0.062 J
					2,6-Dinitrotoluene		0.045	J	J					x		RPD between column results exceeded 40%	0.045 J
					2-Nitrotoluene		0.36		J					x		RPD between column results exceeded 40%	0.36 J
SW-015-032008	3/4/2008		742296	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %REC	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.25	U	UJ			x				Low LCS %REC	0.25 UJ
					4-Amino-2,6-dinitrotoluene		1.1		J					x		RPD between column results exceeded 40%	1.1 J
					1,3-Dinitrobenzene		0.33		J					x		RPD between column results exceeded 40%	0.33 J
					4-Nitrotoluene		0.079	J	J					x		RPD between column results exceeded 40%	0.079 J
					2-Nitrotoluene		0.51		J					x		RPD between column results exceeded 40%	0.51 J

Table 4-1
Data Evaluation Results
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification						Comments	Final Result
										CALs	SUR	LCS	MS	RPD	CR		
SW-016-032008	3/4/2008	124382	742297	VOCs	Bromomethane	µg/L	1.0	U	UJ	x		x				Initial Calibration %RSD >30% Low LCS/LCSD %REC	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x		x		Low LCSD %REC LCS/LCSD RPD > 30%	1 UJ
				Explosives	HMX		0.36		J		x	x	x	x		Low LCS %REC High SUR %REC RPD between column results exceeded 40%	0.36 J
					4-Amino-2,6-dinitrotoluene		1.5		J		x			x		RPD between column results exceeded 40% High SUR %REC	1.5 J
					1,3-Dinitrobenzene		0.18	J	J		x			x		RPD between column results exceeded 40% High SUR %REC	0.18 J
					RDX		5.0		J		x			x		RPD between column results exceeded 40% High SUR %REC	5 J
					2,6-Dinitrotoluene		0.097	J	J		x			x		RPD between column results exceeded 40% High SUR %REC	0.097 J
TRB-204-032008	3/3/2008		742282	VOCs	Bromomethane	µg/L	1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					Chloroethane		1.0	U	UJ	x						Initial Calibration %RSD >30%	1 UJ
					1,2-Dichloropropane		1.0	U	UJ			x				Low LCSD %REC	1 UJ

Notes:

CALs = Calibration
CR = Calibration Range
D = Result from dilution
DL = Dilution
E = Laboratory qualifier. Indicates that the result exceeds the instrument calibration range.
HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
J = Qualified as estimated
LCS/LCSD = Laboratory Control Sample/ Laboratory Control Sample Duplicate
MS/MSD = Matrix Spike/Matrix Spike Duplicate
%REC = Percent Recovery
RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
SDG = Sample Delivery Group
SUR = Surrogate
TCE = Trichloroethene
UJ Non-detect and Qualified as estimated
U = Qualified as non-detect
ug/L = micrograms per liter
VOCs = Volatile organic compounds

Table 4-2
VOC Quality Control Outliers
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample ID(s) Requiring Qualification	SDG	Compound(s)	QC Parameter	Laboratory QC Parameter Control Limit	QC Result
Calibrations					
SCW-004-032008 SCW-005-032008 SCW-006-032008 SW-005-032008 SW-006-032008 SW-008-032008 SW-208-032008 SW-009-032008 SW-010-032008 SW-210-032008 SW-011-032008 SW-012-032008 SW-013-032008 SW-015-032008 SW-016-032008 TRB-204-032008	124382	Bromomethane	ICAL %RSD	30%	31.4%
0ART-032008 SCW-004-032008 SCW-005-032008 SCW-006-032008 SW-005-032008 SW-006-032008 SW-008-032008 SW-208-032008 SW-009-032008 SW-010-032008 SW-210-032008 SW-011-032008 SW-012-032008 SW-013-032008 SW-015-032008 SW-016-032008 TRB-204-032008	124382	Chloroethane	ICAL %RSD	30%	36.2% 35.1%

Table 4-2
VOC Quality Control Outliers
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

LCS/LCSD					
SW-005-032008 SW-006-032008 SW-008-032008 SW-208-032008 SW-009-032008 SW-010-032008 SW-210-032008 SW-011-032008 SW-012-032008 SW-013-032008 SW-014-032008 SW-015-032008 SW-016-032008	124382	Bromomethane	LCS/LCSD	65-145%	55% 62%
SCW-004-032008 SCW-005-032008 SCW-006-032008 TRB-204-032008	124382	1,2-Dichloropropane	LCSD %REC	80-115%	74%
SW-005-032008 SW-006-032008 SW-008-032008 SW-208-032008 SW-009-032008 SW-010-032008 SW-210-032008 SW-011-032008 SW-012-032008 SW-013-032008 SW-015-032008 SW-016-032008	124382	1,2-Dichloropropane	LCSD %REC LCS/LCSD RPD	80-115% 30%	65% REC 38% RPD
MS/MSD					
SW-012-032008	124382	Bromomethane	MS %REC	65-145%	61%

Table 4-2
VOC Quality Control Outliers
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Dilutions and Reanalyses		(E flags are not used in completeness percentage when dilution available)			
0ART-032008	124382	TCE	Calibration Range Exceedance	Linear Calibration Range	91 E Report as 85 D

Note: The sample above was diluted and reanalyzed. The result for TCE should be reported from the dilution.

Notes:

D = Result from dilution
E = Exceeds Calibration Range
ID = Identification
ICAL = Initial Calibration
LCS/LCSD = Laboratory Control Sample/ Laboratory Control Sample Duplicate
MS/MSD = Matrix Spike/Matrix Spike Duplicate
%REC = Percent Recovery
QC = Quality Control
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
SDG = Sample Delivery Group
TCE = Trichloroethene

Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample ID(s) Requiring Qualification	SDG	Compound(s)	QC Parameter	Laboratory QC Parameter Control Limit	QC Result
Surrogates					
SCW-005-032008	124382	All detected explosive results (six compounds)	1,2-Dinitrobenzene %REC	125%	70-115%
SCW-006-032008		All detected explosive results (six compounds)	1,2-Dinitrobenzene %REC	121%	70-115%
SCW-210-032008		All detected explosive results (five compounds)	1,2-Dinitrobenzene %REC	116%	70-115%
SCW-016-032008		All detected explosive results (five compounds)	1,2-Dinitrobenzene %REC	117%	70-115%
LCS/LCSD					
0ART-032008 SCW-004-032008 SCW-005-032008 SCW-006-032008 SW-005-032008 SW-006-032008 SW-008-032008 SW-208-032008 SW-009-032008 SW-010-032008 SW-210-032008 SW-011-032008 SW-012-032008 SW-013-032008 SW-015-032008 SW-016-032008	124382	HMX	LCS %REC	85-115%	80%
MS/MSD					
SW-012-032008	124382	HMX	MS/MSD %REC	85-115%	82% 82%

Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample ID(s) Requiring Qualification	SDG	Compound(s)	QC Parameter	Laboratory QC Parameter Control Limit	QC Result
Other QC (These outliers were not used in completeness percentage)					
SW-005-032008	124382	HMX	RPD Between Column Results	40%	56%
SW-006-032008					82%
SW-008-032008					63%
SW-208-032008					51%
SW-009-032008					86%
SW-010-032008					51%
SW-210-032008					54%
SW-012-032008					55%
SW-016-032008					62%
SW-005-032008		RDX			56%
SW-006-032008					58%
SW-008-032008					44%
SW-208-032008					45%
SW-210-032008					61%
SW-016-032008					55%
SW-005-032008		2,6-Dinitrotoluene			180%
SW-006-032008					180%
SW-008-032008					180%
SW-208-032008					180%
SW-010-032008					180%
SW-210-032008					180%
SW-013-032008					190%
SW-016-032008					180%
SCW-006-032008		1,3-Dinitrobenzene			88%
SW-005-032008					61%
SW-006-032008					62%
SW-008-032008					52%
SW-208-032008					45%
SW-012-032008					97%
SW-013-032008					160%
SW-015-032008					75%
SW-016-032008					50%

Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample ID(s) Requiring Qualification	SDG	Compound(s)	QC Parameter	Laboratory QC Parameter Control Limit	QC Result
Other QC Continued (These outliers were not used in completeness percentage)					
0ART-032008	124382	4-Amino-2,6-dinitrotoluene	RPD Between Column Results	40%	110%
SCW-004-032008					180%
SCW-005-032008					180%
SCW-006-032008					170%
SW-005-032008					170%
SW-006-032008					160%
SW-008-032008					170%
SW-010-032008					170%
SW-210-032008					170%
SW-012-032008					120%
SW-015-032008					180%
SW-016-032008					170%
SW-005-032008		4-Nitrotoluene			52%
SW-006-032008					42%
SW-012-032008					110%
SW-015-032008					73%
SW-013-032008		2-Nitrotoluene			47%
SW-015-032008					180%

Notes:

ID = Identification
HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
LCS/LCSD = Laboratory Control Sample/ Laboratory Contro
MS/MSD = Matrix Spike/Matrix Spike Duplicate
%REC = Percent Recovery
QC = Quality Control
QC = Quality Control
SDG = Sample Delivery Group
RPD = Relative percent differences
RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Table 5-1
Field Completeness
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Analysis	Number of Samples Planned[1]	Number of Samples Collected	Field Completeness
Volatile Organic Compounds	16	16	100%
Explosives	16	16	100%
Totals =	32	32	100%
Goal =			95%

Notes:

[1] = Number of samples includes field samples and duplicate samples.

Table 5-2
Analytical Completeness
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Analysis	Total Number of Parameters[1]	Acceptable Data[2]	Acceptable Data Completeness	Acceptable Data Completeness Goals	Quality Data[3]	Quality Data Completeness	Quality Data Completeness Goals
Volatile Organic Compounds	1056	1010	96%	90%	1056	100%	80%
Explosives	224	190	85%	90%	224	100%	80%
Totals =	1280	1200	94%	95%	1280	100%	80%

Notes:

[1] = Total number of parameters includes field samples (including data points from dilutions and/or reanalyses to be used in place of original data) and field duplicates.

[2] = Acceptable data is defined as data that passed all quality control (QC) criteria, or data that did not pass QC criteria but had appropriate corrective actions taken. Acceptable data completeness is a measure of laboratory contract compliance. R qualified data with acceptable replacement data are not counted.

[3] = Quality data is a measure of the percentage of usable data points. Quality data includes all data except rejected data points.

Table 5-3
Project Completeness
First Quarter 2008 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field	Analytical[1]	Project Completeness[2]
100%	100%	100%
Project Completeness Goal =		90%

Notes:
1 = Analytical completeness is the percentage of usable data i.e. quality data completeness.
2 = Project completeness combines sampling and analytical protocols to assess the expectations of the project as a whole. Project completeness is determined by comparing the percentage of samples / measurements that are determined to be usable to the total number of samples / measurements planned.

Appendix A
Chain of Custody Records

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SEVERN TRENT **STL**

SEVERN TRENT LABORATORIES, INC.

STL Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

1st Quarter SW Sampling Event 1-2
5403.001 Mead FNOP

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC.
Address: 1746 Cole Blvd Bldg 215 Suite 350
Lakewood, CO. 80401
Contact: David Dander
Phone: 303 298-7607
Fax: 303 298-7837
Contract/ Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph Vest

Proj. No.: 5403.001
Project Name: Mead-FNOP

ANALYSIS REQUESTED: 8260B, 8330

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B	8330	Lab/Sample ID (Lab Use Only)
W	3/3/08	0930		X	SCW-004-032008	3	2			X	X	
W	3/3/08	0930		X	TRB-204-032008	2				X		
W	3/3/08	1000		X	SCW-005-032008	3	2			X	X	
W	3/3/08	1025		X	SCW-006-032008	3	2			X	X	
W	3/3/08	1130		X	SW-011-032008	3	2			X	X	
W	3/3/08	1200		X	SW-013-032008	3	2			X	X	
W	3/3/08	1230		X	SW-009-032008	3	2			X	X	
W	3/3/08	1300		X	SW-005-032008	3	2			X	X	
W	3/4/08	0800		X	SW-012-032008	3	2			X	X	
W	3/4/08	0800		X	SW-012-032008 ms	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature	Date	Time
Ralph Vest	3/4/08	1730	Fedex 8634 7969 0110	3/4/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature	Date	Time
				3/5/08	1030
Relinquished by: (Signature)	Date	Time	Received by: (Signature	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

STL Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

STL8234-200 (02/07)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

2-2 1st Quarter SW Sampling Event

5403.001 Mead FNOP

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bldg 21 Suite 350
Lakewood, Co 80401
Contact: David Dander
Phone: 303-298-7607
Fax: 303-298-7837
Contract/Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: [signature]

Proj. No.: 5403.001
Project Name: Mead FNOP

No/Type of Containers[2]

ANALYSIS REQUESTED: 8260B, 8330

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8260B	8330	Lab/Sample ID (Lab Use Only)
W	3/4/08	0800		X	SW-012-032008 MSD	3	2			X	X	
W	3/4/08	0845		X	SW-006-032008	3	2			X	X	
W	3/4/08	0910		X	SW-008-032008	3	2			X	X	
W	3/4/08	0910		X	SW-208-032008	3	2			X	X	
W	3/4/08	0945		X	~~TRB~~ OART-032008	3	2			X	X	
W	3/4/08	1015		X	SW-010-032008	3	2			X	X	
W	3/4/08	1015		X	SW-210-032008	3	2			X	X	
W	3/4/08	1115		X	SW-015-032008	3	2			X	X	
W	3/4/08	1145		X	SW-016-032008	3	2			X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3/4/08	1730	FedEx 8634 7969 0110	3/4/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	3/5/08	1030
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

Appendix B
Field Notes

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March - 4 - 2008 SW Sampling

MS/MSD SW-012-032008 Sample Time 0800
Samples Taken 3voc 2Exp 3voc 2Exp MS
3voc 2Exp MSD SW-012-032008 MS SW-012-032008 MSD
TD 3'

SW-006-032008 Sample Time 0845
Samples Taken 3voc 2Exp TD. 1.5'

QA/QC SW-008-032008 SW-208-032008
SW-408-032008 6Exp 9voc QA/QC
Sample Time 0910 TD 1.5'

OART-032008 Sample Time 0945
Samples Taken 3voc 2Exp 1000mL per min

SW-010-032008 Sample Time 1015
Samples Taken 4Exp 6voc SW-210-032008
TD. 1.5'

SW-015-032008 - Sample Time 1115
Samples Taken 3voc 2Exp TD 1.2'

SW-016-032008 Sample Time 1145
Sample Taken 3voc 2Exp 1.2'

TRB-408-032008 0910 Time
Sample 2voc

ASW 3-4-08

Metal Fwed

March 3 - 2008 SW Sampling 1st Quarter 2008
ASW (Ralph Vest, Pat Reynoldson)

SCW-004-032008 Sample Time 0930
Samples Taken 3voc 2EXP Total Depth 7'

TRB-204-032008 Sample Time 0930
Sample Taken 2voc.

SCW-005-032008 Sample Time 1000
Sample Taken 3voc 2EXP (7' Total Depth)

SCW-006-032008 Sample Time 1025
Sample Taken 3voc 2EXP (5' Total Depth)

SW-011-032008 Sample Time 1130
Sample Taken 3voc 2EXP. (1.5' Depth

SW-013-032008 Sample Time 1200
Samples Taken 3voc 2EXP Total Depth 3'

SW-009-032008 Sample Time 1230
Samples Taken 3voc 2EXP TD 1.5'

SW-005-032008 Sample Time 1300hrs
Samples Taken 3voc 2EXP Total Depth 1.5'

Ralph Vest
3-3-08

Appendix C
Reference Sheet
Data Validation Qualifiers
Drinking Water Standards

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Data Qualifiers and Drinking Water Standards Reference Sheet
Former Nebraska Ordnance Plant, Mead, Nebraska

Any qualifiers (i.e. U, J, or R) listed after a result are assigned during the data validation process. Data validation is a procedure which involves the review of quality control data provided by the laboratory. This review is followed by the assignment of data qualifiers (if necessary) which indicate the reliability of a result to the reader. Data validation is performed by a chemist employed outside of the laboratory or associated government installations to ensure accuracy in data reporting. A description of qualifiers is provided below.

No qualifier

- If a result has no assigned qualifier, the contaminant was detected, and the reader can be confident that the concentration is exact.

"U"

- A result followed by a "U" qualifier means that the contaminant was undetected, or not detected by the instrument.

"UJ"

- A result followed by a "UJ" qualifier means that the contaminant was not detected, but the associated detection level is not certain (estimated). For example, if a value is followed by a "UJ", the contaminant was not detected, but the associated detection level is in question. The detection level is in question because one or more of the laboratory quality control indicators do not meet acceptance criteria. The amount that the indicator fell outside of the criteria may be used as a rough estimate of how much the actual detection level differs from the stated one. Typically, this is a 10-30% difference.

"UR"

- A result followed by a "UR" qualifier means that the contaminant was not detected, but there is strong doubt that the associated detection level is accurate. For example, if a value is followed by a "UR", the contaminant was not detected, but the associated detection level is in strong doubt. The detection level is in doubt because results are unacceptable for a quality control indicator. In this case, the detection level cannot be estimated.

"J"

- A result followed by only a "J" qualifier means that the contaminant was detected, but there is some question that the stated concentration is exact. For example, if a result is "0.5 J", the contaminant was detected, but there is some question that the concentration is exactly 0.5. A "J" qualifier may be applied for two reasons: (1) the contaminant was detected below the reporting limit; or (2) the contaminant was detected, but one or more quality control indicators did not meet acceptance criteria. The reporting limit is equal to the concentration of the lowest standard used by the laboratory to calibrate the instrument. The reporting limit is the minimum concentration that can be stated with complete confidence.

“R”

- A result followed by only an “R” qualifier means that the contaminant was detected, but there is strong doubt that the concentration is exact. For example, if a result is “0.5 R”, the contaminant was detected, but there is strong doubt that the concentration is exactly 0.5. The concentration is in doubt because results are unacceptable for a quality control indicator. In this case, the detected concentration cannot be estimated. For comparison purposes, detected results are reported in the results letters with available Environmental Protection Agency drinking water standards. These standards include the maximum contaminant level (MCL) and various health advisories (HA). A description of the drinking water standards is provided below.

“MCL”

- The maximum contaminant level is the highest concentration of a contaminant that is allowed in drinking water. Maximum contaminant levels are enforceable Federal standards.

“HA”

- Health advisories provide estimates of acceptable drinking water concentrations for a chemical substance based on health effects information. Health advisories are not enforceable Federal standards, but serve as a technical guidance to assist Federal, State, and local officials.

Appendix D
Analytical Results on Compact Disc Summary Forms and Raw Data

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QUALITY CONTROL SUMMARY REPORT

First Quarter 2008
Water Supply Well Sampling Event
Former Nebraska Ordnance Plant
Mead, Nebraska

Prepared for

U.S. Army Corps of Engineers
Kansas City Districts

July 2008

1746 Cole Boulevard, Building 21, Suite 350
Lakewood, Colorado 8401
Telephone: (303) 298-7607
Facsimile: (303) 298-7837

www.ecc.net

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(Read instructions on the reverse side prior to initiating this form)*	DATE: July 31, 2008	TRANSMITTAL NO. 2008-019

SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by contractor)

Attn: Jerry Montgomery USACE, Kansas City District 601 E. 12th St. Kansas City, MO 64106-2896	FROM: John Ryder ECC 1746 Cole Blvd, Bldg 21, Lakewood, CO 80401	CONTRACT NO. W912DQ-04-D-0017, Task Order 0001	CHECK ONE: __X__ THIS IS A NEW TRANSMITTAL ____ THIS IS A RESUBMITTAL OF TRANSMITTAL _____
SPECIFICATION SECTION NO. (cover only one section with each transmittal)	PROJECT TITLE AND LOCATION: Groundwater Monitoring Program, Former Nebraska Ordnance Plant, Mead, Nebraska		CHECK ONE: ___ FIO __X__ For Govt. Approval

ITEM NO. *a.*	DESCRIPTION OF ITEM SUBMITTED *(Type, size, model number, etc.)* *b.*	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. *(See instruction No. 8)* *c.*	NO. OF COPIES *d.*	CONTRACT REFERENCE DOCUMENT SPEC. PARA. NO. *e.*	DRAWING SHEET NO. *f.*	FOR CONTRACTOR USE CODE *g.*	VARIATION *(See instruc. no. 6)* *h.*	FOR C E USE CODE *i.*
1	Quality Control Summary Report		1					
	First Quarter 2008 Water Supply Well Sampling Event							

REMARKS

Sandeep Mehta (USACE)
Jason Leibbert (USACE)
David Nelson (USACE)
Natalae Tillman (USACE)
Kristine Stein (USACE)

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as otherwise stated.
John Ryder, Denver Science & Engineering Group

_____
NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by Item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

Quality Control Summary Report
First Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant
Mead, Nebraska

1.0 INTRODUCTION

Water supply well (WSW) sampling was conducted by ECC as contracted by the U.S. Army Corps of Engineers (USACE), Kansas City District between March 18 and April 10, 2008 at the former Nebraska Ordnance Plant, Mead, Nebraska. ECC performed all sampling activities in accordance with the Field Sampling Plan (FSP) and Quality Assurance Project Plan (QAPP) of the *Work Plan and Sampling and Analysis Plan for Water Supply Wells* (ECC, 2006). This QCSR presents a summary of the chemical data quality review for the First Quarter 2008 WSW sampling event.

Samples were analyzed for one or all of the following constituents:

- Volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Drinking Water Method 524.2
- Explosives by EPA Method 8330
- Total suspended solids (TSS) by Method SM2540D.

All analyses were performed by TestAmerica of South Burlington, Vermont. The TSS analysis was performed by Method SM2540D rather than by Method 160.2 as requested on the chain-of-custody.

A complete list of the water supply wells planned for sample collection, the corresponding sample identification (ID) numbers, and the requested analyses for each sampled well are presented in Table 1-1. Associated Chain of Custody (COC) Records are included as Appendices A. Appendix B presents an explanation of data validation qualifiers and drinking water standards and Appendix C contains a CD with all analytical data, including summary forms and raw data, for the First Quarter 2008 WSW sampling event.

2.0 SAMPLING ACTIVITIES

Fifty-one locations were sampled for chemical analyses during the First Quarter 2008 WSW sampling event. In addition, five field duplicate samples, three matrix spike (MS) / matrix spike duplicate (MSD) sample pairs, and seven trip blanks were collected.

Location WSW-052A-B was collected on March 20, 2008 and re-sampled on April 10, 2008. The field sampling crew determined that the re-sample collected on April 10, 2008 would provide a more representative sample for this location. Only the results from the April 10, 2008 collection for location WSW-052A-B (sample 052A-B-042008 (Lab ID 748402)) were used for the First Quarter 2008 WSW sampling event. A field duplicate was also collected from this location during the April sampling.

Three other sample locations were scheduled for sampling this quarter, but could not be sampled. WSW-76 was from a vacant home and the field team was unable to obtain access for locations WSW-99 and G-053630. See Section 5.1 Field Completeness.

Table 2-1 provides the following information listed by date sampled and laboratory sample ID for ease of comparison to laboratory data packages and field notes:

- A cross-reference between laboratory sample IDs and field sample IDs;
- QC (Quality Control) split sample information;
- MS/MSD sample information;
- Dates of sample collection and sample receipt by the laboratory;
- COC numbers;
- Sample delivery group (SDG) numbers; and
- Requested analyses

3.0 ANALYTICAL RESULTS

Summaries of the analytical results are presented in Table 3-1 (VOCs), Table 3-2 (explosives), and Table 3-3 (TSS). VOC detections are presented in Table 3-4, explosives detections are presented in Table 3-5, and TSS detections are presented in Table 3-6. Field duplicate results are presented in Table 3-7 (VOCs), Table 3-8 (explosives), and Table 3-9 (TSS). Trip blank results are presented in Table 3-10. The data in Tables 3-1 through 3-10 are presented by field sample ID, as listed in Table 1-1.

4.0 DATA QUALITY EVALUATION PROCEDURES

The following subsections present the data quality evaluation procedures performed in accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007) and the *Data Quality Evaluation Guidance, USACE CENWK-EC-EF* (USACE, 2001). Laboratory control limits were used to assess data quality. Table 4-1 presents all qualifications. QC outliers for VOCs are presented in Tables 4-2 and QC outliers for explosives are presented in Table 4-3 (no outliers were identified for the TSS analyses).

4.1 Sample Receipt at the Laboratory

All sample transfer requirements were met for samples received at the laboratory. No data required qualification based on sample condition. The samples were properly preserved and the sample coolers were received within the recommended temperature range of 4 ± 2 °C.

One of the two amber bottles for sample 0112-302008 was received with a broken cap and this bottle was labeled by the laboratory to be used as contingency. One of the two amber bottles for sample 2104-302008 was received broken. Appropriate sample was available from the other bottles. Additionally, the sample volume from one of the bottles for sample 0103-302008 was

transferred at sample receipt to a new bottle due to a hairline fracture in the original bottle. According to the laboratory sample volume was not compromised.

Although sample 092-302008 was crossed off the chain-of-custody (COC), this sample was received by the laboratory and analyzed accordingly. This sample location was scheduled for sampling.

The trip blank, sample TRB-274-032008 was labeled on the vials as TRB-074-032008. The laboratory used the chain-of-custody (COC) ID, TRB-274-032008, to remain consistent with the project number system.

4.2 Holding Times

All extractions and analyses were performed within method-specific holding times.

4.3 Tuning and Calibration

According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), assessment of tune and calibration information is assessed using the laboratory case-narrative or summary forms. Detections are qualified as estimated (J) and non-detects are qualified as estimated (UJ) if the %RSD exceeds 30%. No deviations from method or Laboratory Quality Management Plan (LQMP) specifications for the calibration and tuning of pertinent instrumentation were reported by the laboratory in the project-specific case narrative with the exceptions noted below.

The case narratives indicated that the response for acetone from the initial calibrations were outside quality control criteria. However, evaluation of the initial calibration summary Form 6 indicated that the %RSD for acetone was less than 30% and no action was required.

Evaluation of the continuing calibration summary Form 7 indicated that the %D for bromomethane at 29.3% in the April 16, 2008 continuing calibration was greater than 25%, but less than 50%. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007) detections are qualified as estimated (J) if the %D exceeds 25%. No action is required for non-detected results. Therefore, no action was required because bromomethane was not detected in the associated samples.

4.4 Laboratory Method Blanks

A laboratory method blank is an analyte-free matrix that is carried through the entire preparation and analysis sequence for the purpose of identifying potential contamination introduced during preparation and analysis. Method blanks were analyzed for each sample batch for all analyses.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detections are qualified as non-detect (U) if the concentration in the sample is less than 5 times the concentration in the associated blank. For common laboratory contaminants, detections are qualified as non-detect (U) if the concentration in the sample is less than 10 times the concentration in the associated blank. Sample results that are either non-detect (U), or greater than 5 or 10 times the blank result do not require qualification.

There were no detections of target analytes in the volatile and explosive method blanks.

4.5 Trip Blanks

A trip blank is an analyte-free matrix that accompanies samples through the sample collection and transportation process to identify potential VOC contamination. In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), detections are qualified as non-detect (U) if the concentration in the sample is less than five times the concentration in the associated blank (ten time for common laboratory contaminants). Sample results that are either non-detect (U), or greater than five times the blank result do not require qualification.

There were no detections of target analytes in the VOC trip blanks.

Trip blank results are presented in Table 3-10.

4.6 Surrogates

Surrogates are compounds not normally found in the environment that are added (spiked) into samples prior to extraction (for extractable methods) or prior to analysis (for non-extractable methods). The percent recovery (% REC) of each surrogate is used to assess the success of the sample preparation process for an individual sample. Surrogates were analyzed for each sample batch for VOCs and explosives.

All VOC and explosive samples were spiked with appropriate surrogate compounds.

The % RECs for 1,2-dinitrobenzene in sample 029-032008 (117%/124%) exceeded the laboratory QC limits of 70-115% on both columns. In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the associated analytes in the affected samples are J-coded for detects if the % RECs are greater than the QC limits. No action is required for non-detects. Therefore, the following detected results were qualified as estimated (J):

- All detected explosive results in sample 029-032008 (RDX, 4-amino-2,6-dinitrotoluene, 2-amino-4,6-dinitrotoluene, and 2-nitrotoluene)

Additionally, the % REC for 1,2-dinitrobenzene in the matrix spike analysis of sample 029-032008 exceeded the laboratory QC limits on the confirmation column. No action is taken on QC samples.

All remaining surrogate results were within laboratory QC limits. See Table 4-3 for the explosives QC outliers.

4.7 Laboratory Control Samples and Laboratory Control Sample Duplicates

A laboratory control sample (LCS) consists of a matrix, similar to that of the field sample, which is spiked with known concentrations of analytes. The LCS % REC is a measure of the accuracy of the preparation and analytical methods. The laboratory control sample duplicate (LCSD) is a duplicate preparation and analysis of the LCS. The differences between the LCS and LCSD recoveries are used to calculate the relative percent difference (RPD), which is a measure of the precision of the preparation and analytical methods. LCS samples were analyzed for each sample batch for all analyses.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the associated samples are J-coded for detects and UJ-coded for non-detects if the LCS % RECs are below the laboratory QC limits, but greater than 10%. Non-detects are R-coded if % RECs are less than 10%. Also in accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the associated samples are J-coded for detects if the % RECs are greater than the QC limits. No action is required for non-detects. Additionally, results for the affected analyte in the associated samples are J-coded for detects and UJ-coded for non-detects if the LCS/LCSD RPD exceeds 30%.

The LCS % REC for bromomethane at 69% was below the laboratory QC limits of 70-130% for the VOC LCS analyses LB041608LCS. Additionally, the RPD for bromomethane at 37% exceeded 30% in this LCS/LCSD. As a result of the low recovery and elevated RPD, the following non-detected results were qualified as estimated (UJ):

- Bromomethane in samples 052A-B-042008 and 252A-B-042008

All remaining LCS/LCSD % RECs were within laboratory QC limits and all other RPDs were less than 30%. See Table 4-2 for the VOC QC outliers.

4.8 Matrix Spikes and Matrix Spike Duplicates

MS/MSD analyses measure method accuracy and precision for a project-specific matrix. A field sample is split into three portions (original, MS, and MSD) and known amounts of analytes are added (spiked) into the MS and MSD portions of the sample. The analytical results of these two portions are compared to each other for reproducibility using the RPD. These results are also compared against the unspiked portion of the sample for % REC of the spiked analytes. MS/MSD samples were analyzed for each SDG for all analyses. MS/MSD results were provided for all analyses except TSS.

In accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the parent sample are J-coded for detects and UJ-coded for non-detects if the MS/MSD % RECs are below the laboratory QC limits but greater than 10%. Non-detects are R-coded if % RECs are less than 10%. Also in accordance with the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results for the affected analyte in the parent sample are J-coded for detects if the MS/MSD % RECs are greater than the QC limits. No action is required for non-detects.

The MS/MSD % RECs for styrene at 55% and 65% for sample 055-032008 and the MS/MSD % RECs for styrene at 26% and 23% for sample 052A-032008 were below the laboratory QC limits of 70-130%. As a result of the low MS/MSD % RECs, the following non-detected sample result was qualified as estimated (UJ) in the parent samples:

- Styrene in samples 052A-032008 and 055-032008

The MSD % REC for HMX at 82% for sample 029A-032008; the MS % REC for HMX at 82% for sample 055-032008; and the MSD % REC for HMX at 80% sample 0104-032008 were below the laboratory QC limits of 85-115%. As a result of the low MS or MSD % RECs, the following non-detected sample results were qualified as estimated (UJ) in the parent samples:

- HMX in samples 029A-032008, 055-032008, 0104-032008, and 2104-032008
  [Note: HMX was qualified in both the parent sample and the associated field duplicate sample.]

All remaining % RECs and RPDs were within laboratory QC limits. See Table 4-2 (VOC) and Table 4-3 (explosives) for the QC outliers.

4.9 Field Duplicates

Field duplicate analytical results provide information on the ability to reproduce field results and account for error introduced from handling, shipping, preparing, and analyzing field samples. Field duplicate pairs are listed below:

- 052A-032008 / 252A-032008 (VOC and explosive)
- 055-032008 / 255-032008 (VOC and explosive)
- 0104-032008 / 2104-032008 (VOC and explosive)
- UNFL-IR-016-032008 / UNFL-IR-216-032008 (VOC and explosive)
- 052A-B-042008 / 252A-B-042008 (VOC, explosive, and TSS)

In accordance with the *Data Quality Evaluation Guidance, USACE CENWK-EC-EF* (USACE, 2001) and the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), data are not qualified based on field duplicate sample results. Results within a factor of two of each other were considered to be in agreement. Results between a factor of two to three of each other were considered a minor discrepancy, and results greater than a factor of three were considered a major discrepancy.

All field duplicate results were within a factor of two of each other.

Field duplicate results are presented in Table 3-7 (VOCs), Table 3-8 (explosives), and Table 3-9 (TSS).

4.10 Dilutions and Reanalyses

Qualifiers assigned as a result of calibration range exceedance are not used in the calculation of analytical data completeness percentages if there are acceptable results from diluted sample analyses.

The following sample required a secondary diluted analysis (11.6x) due to analyte concentrations above the calibration range:

- 052C-B-032008 – Trichloroethene (TCE)

The original sample results for TCE (170 ug/L) was flagged "E" by the laboratory as exceeding the calibration range and is considered an estimated value. According to the *Mead Validation Guidelines*, (ECC, 2007, approved by USACE 2007), results exceeding the calibrations range are not used for reporting or project decisions when acceptable results from dilutions are available. Therefore, the secondary diluted concentration (180 ug/L) should be used for TCE and the original 1.2x analysis should be used for all other results for this sample. The diluted results other than the result for TCE are not used.

No qualifiers were assigned as a result of exceeded calibration ranges as acceptable results from diluted sample analyses were provided.

4.11 Other QC Parameters

A column comparison between the detected explosive results was made using explosive identification summary forms. The validator confirmed all reported explosives detections and column RPDs. The following results had RPDs greater than 40% and the results were qualified as estimated (J):

- 4-Amino-2,6-dinitrotoluene in samples 029-032008 and 052C-B -032008
- 2-Amino-4,6-dinitrotoluene in samples 029-032008 and 054-B-032008
- 2-Nitrotoluene in sample 029-032008
- 2,4,6-Trinitrotoluene in sample 052C-B -032008

All other column RPDs for explosives results were less than 40%. Table 4-3 presents the explosives QC outliers and associated samples. These qualifiers are not used to determine analytical or project completeness.

4.12 Laboratory Qualifiers

Analytes detected below the quantitation limit or reporting limit but above the lowest level of detection were quantified and results were assigned an estimated (J) qualifier by the laboratory. These qualifiers were carried over by the validator and were not used to determine analytical completeness or project completeness (Section 5.0).

5.0 OVERALL ASSESSMENT

The following subsections present the field completeness, analytical completeness, and project completeness determinations for the First Quarter 2008 WSW sampling event. All completeness goals are established in the Mead WSW QAPP (ECC, 2006).

5.1 Field Completeness

Field completeness for sample collection was assessed by comparing the number of samples properly collected to the number of samples planned for collection. Three sample locations scheduled for VOC and explosive analysis sampling this quarter could not be sampled. WSW-76 was from a vacant home and the field team was unable to obtain access for locations WSW-99 and G-053630. As a result, the field completeness for the VOCs and explosives were each 95%. TSS was not affected and the field completeness for TSS was 100%. The overall field completeness percentage is 95%, which meets the field completeness goal of 95%.

Section 2.0 presents the field sampling activities. Table 5-1 presents the field completeness.

5.2 Analytical Completeness

Acceptable data is a measure of laboratory contract compliance. Acceptable data includes data that has not been rejected or qualified as estimated (J). Qualified data is considered acceptable if appropriate corrective actions were taken by the laboratory. The acceptable data completeness percentage for VOCs was just below 100% (as only four results were qualified), for explosives was 99%, and TSS was 100%. These all exceed the acceptable data completeness goals of 90% for each analytical method. Overall acceptable data completeness is 99.7%, which is above the overall acceptable data completeness goal of 95%.

Quality data is a measure of the percentage of usable data. Quality data includes all data except rejected data points, and does not include analyses for which replacement data points are available. Quality data completeness percentages for VOCs, explosives, and TSS are 100%, which exceeds the quality data completeness goals of 80% for each analytical method. Overall quality data completeness is 100%, which exceeds the overall quality data completeness goal of 80%.

Table 5-2 presents acceptable and quality data completeness.

5.3 Project Completeness

Project completeness combines sampling and analytical protocols to assess the expectations of the project as a whole. Project completeness is determined by comparing the percentage of samples/measurements that are determined to be usable to the total number of samples/ measurements planned. Project completeness is calculated using the field completeness and analytical completeness (quality data) completeness percentages. Overall project completeness is 98% as three sample locations were not collected. The overall project completeness exceeds the project completeness goal of 90% established in the Mead WSW QAPP (ECC, 2006).

Table 5-3 presents the project completeness percentages.

6.0 CONCLUSIONS

No data points were qualified as rejected (R). Overall quality data completeness is 100%. Overall acceptable data completeness is 99% and over all field completeness is 95%, both of which meet project goals. The overall project completeness at 98% meets the project goal of 90%. Data are valid for use as qualified and none of the qualified compounds were contaminates of concern.

7.0 REFERENCES

Environmental Chemical Corporation (ECC), 2006, *Work Plan and Sampling and Analysis Plan for Water Supply Wells*.

ECC, 2007 *Mead Validation Guidelines*, (approved by USACE 2007)

USACE, 2001, *Data Quality Evaluation Guidance*, USACE CENWK-EC-EF, July.

Tables

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Table 1-1
Sample Locations, Sample IDs, and Analyses
First Quarter 20087 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Well IDs	Sample IDs	Analyses[1]
WSW-029	029-032008	Volatiles, Explosives
WSW-029A	029A-032008	Volatiles, Explosives
WSW-050A	050A-032008	Volatiles, Explosives
WSW-050B	050B-032008	Volatiles, Explosives
WSW-051	051-032008	Volatiles, Explosives
WSW-051A	051A-032008	Volatiles, Explosives
WSW-052A	052A-032008	Volatiles, Explosives
WSW-052A-B	052A-B-032008[3] 052A-B-042008	Volatiles, Explosives, TSS
WSW-052B	052B-032008	Volatiles, Explosives
WSW-052C	052C-032008	Volatiles, Explosives
WSW-052C-B	052C-B-032008	Volatiles, Explosives, TSS
WSW-053	053-032008	Volatiles, Explosives
WSW-053-B	053-B-032008	Volatiles, Explosives, TSS
WSW-054	054-032008	Volatiles, Explosives
WSW-054B	054-B-032008	Volatiles, Explosives, TSS
WSW-055	055-032008	Volatiles, Explosives
WSW-056	056-032008	Volatiles, Explosives
WSW-057	057-032008	Volatiles, Explosives
WSW-058	058-032008	Volatiles, Explosives
WSW-059	059-032008	Volatiles, Explosives
WSW-060	060-032008	Volatiles, Explosives
WSW-061	061-032008	Volatiles, Explosives
WSW-062	062-032008	Volatiles, Explosives
WSW-065	065-032008	Volatiles, Explosives
WSW-066	066-032008	Volatiles, Explosives
WSW-067	067-032008	Volatiles, Explosives
WSW-068	068-032008	Volatiles, Explosives
WSW-073	073-032008	Volatiles, Explosives
WSW-074	074-032008	Volatiles, Explosives
WSW-075	075-032008	Volatiles, Explosives
WSW-076[2]	076-032008	Volatiles, Explosives
WSW-077	077-032008	Volatiles, Explosives
WSW-079	079-032008	Volatiles, Explosives
WSW-086	086-032008	Volatiles, Explosives
WSW-087	087-032008	Volatiles, Explosives
WSW-089	089-032008	Volatiles, Explosives
WSW-091	091-032008	Volatiles, Explosives
WSW-092	092-032008	Volatiles, Explosives
WSW-095	095-032008	Volatiles, Explosives
WSW-096	096-032008	Volatiles, Explosives
WSW-097	097-032008	Volatiles, Explosives
WSW-099[2]	099-032008	Volatiles, Explosives
WSW-100	0100-032008	Volatiles, Explosives
WSW-103	0103-032008	Volatiles, Explosives
WSW-104	0104-032008	Volatiles, Explosives

Table 1-1
Sample Locations, Sample IDs, and Analyses
First Quarter 20087 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Well IDs	Sample IDs	Analyses[1]
WSW-105	0105-032008	Volatiles, Explosives
WSW-106	0106-032008	Volatiles, Explosives
WSW-109	0109-032008	Volatiles, Explosives
WSW-110	0110-032008	Volatiles, Explosives
WSW-112	0112-032008	Volatiles, Explosives
UNFL-10A	UNFL-010A-032008	Volatiles, Explosives
UNFL-IR-16A	UNFL-IR-016-032008	Volatiles, Explosives
UNFL-IR-19A (G-054654)	UNFL-IR-019-032008	Volatiles, Explosives
G-053630[2]	G053630-032008	Volatiles, Explosives

Notes:

IDs = Identifications

[1] = VOCs by Environmental Protection Agency (EPA) Drinking Water Method 524.2, Explosives by EPA SW-846 Method 8330.
The TSS analysis was performed by method SM2540D rather than by Method 160.2 as requested on the chain-of-custody.

[2] = These three sample locations scheduled for sampling this quarter could not be sampled. WSW-76 was from a vacant home and the field team was unable to obtain access for locations WSW-99 and G-053630.

[3] Sample 052A-B-032008 was initially collected from the wrong sampling port.
The results for this sample are not used.
Sample was recollected on April 10, 2008 and reported as 052A-B-042008.

Table 2-1
Sample Collection Summary
First Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Lab	COC Record Number	Lab ID	SDG	Analyses		
								VOCs	Explosives	TSS
Field Samples										
029-032008			3/21/2008	3/22/2008	None	744331	124620	●	●	
029A-032008			3/21/2008	3/22/2008	None	744332	124620	●	●	
050A-032008			3/19/2008	3/21/2008	None	744140	124605	●	●	
050B-032008			3/19/2008	3/21/2008	None	744141	124605	●	●	
051-032008			3/21/2008	3/22/2008	None	744329	124620	●	●	
051A-032008			3/21/2008	3/22/2008	None	744328	124620	●	●	
052A-032008			3/20/2008	3/21/2008	None	744164	124620	●	●	
		052A-032008MS	3/20/2008	3/21/2008	None	744164MS	124620	●	●	
		052A-032008MSD	3/20/2008	3/21/2008	None	744164MD	124620	●	●	
	252A-032008		3/20/2008	3/21/2008	None	744150	124604	●	●	
052A-B-032008[1]			3/20/2008	3/21/2008	None	744151	124604	●	●	●
052A-B-042008			4/10/2008	4/11/2008	None	748402	124945	●	●	●
	252A-B-042008		4/10/2008	4/11/2008	None	748403	124945	●	●	●
052B-032008			3/21/2008	3/22/2008	None	744327	124620	●	●	
052C-032008			3/19/2008	3/21/2008	None	744142	124605	●	●	
052C-B-032008			3/19/2008	3/21/2008	None	744143	124604	●	●	●
053-032008			3/19/2008	3/20/2008	None	743974	124605	●	●	
053-B-032008			3/19/2008	3/20/2008	None	743975	124605	●	●	●
054-032008			3/19/2008	3/21/2008	None	744138	124605	●	●	
054-B-032008			3/19/2008	3/21/2008	None	744139	124605	●	●	●
055-032008			3/18/2008	3/20/2008	None	743967	124604	●	●	
		055-032008MS	3/18/2008	3/20/2008	None	743967MS	124604	●	●	
		055-032008MSD	3/18/2008	3/20/2008	None	743967MD	124604	●	●	
	255-032008		3/18/2008	3/20/2008	None	743969	124605	●	●	
056-032008			3/21/2008	3/22/2008	None	744325	124620	●	●	
057-032008			3/19/2008	3/20/2008	None	743977	124605	●	●	
058-032008			3/19/2008	3/20/2008	None	743976	124605	●	●	
059-032008			3/19/2008	3/20/2008	None	743978	124605	●	●	
060-032008			3/19/2008	3/20/2008	None	743981	124605	●	●	
061-032008			3/19/2008	3/20/2008	None	743980	124605	●	●	
062-032008			3/19/2008	3/20/2008	None	743979	124605	●	●	
065-032008			3/20/2008	3/21/2008	None	744147	124604	●	●	
066-032008			3/20/2008	3/21/2008	None	744148	124604	●	●	
067-032008			3/20/2008	3/21/2008	None	744149	124604	●	●	
068-032008			3/21/2008	3/22/2008	None	744330	124620	●	●	

Table 2-1
Sample Collection Summary
First Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Lab	COC Record Number	Lab ID	SDG	Analyses		
								VOCs	Explosives	TSS
073-032008			3/21/2008	3/22/2008	None	744321	124620	●	●	
074-032008			3/21/2008	3/22/2008	None	744319	124620	●	●	
075-032008			3/20/2008	3/21/2008	None	744158	124604	●	●	
077-032008			3/20/2008	3/21/2008	None	744157	124604	●	●	
079-032008			3/20/2008	3/21/2008	None	744159	124604	●	●	
086-032008			3/21/2008	3/22/2008	None	744323	124620	●	●	
087-032008			3/21/2008	3/22/2008	None	744324	124620	●	●	
089-032008			3/21/2008	3/22/2008	None	744326	124620	●	●	
091-032008			3/19/2008	3/20/2008	None	743982	124605	●	●	
092-032008			3/19/2008	3/20/2008	None	743983	124605	●	●	
095-032008			3/20/2008	3/21/2008	None	744154	124604	●	●	
096-032008			3/20/2008	3/21/2008	None	744161	124620	●	●	
097-032008			3/20/2008	3/21/2008	None	744162	124620	●	●	
0100-032008			3/20/2008	3/21/2008	None	744144	124604	●	●	
0103-032008			3/19/2008	3/20/2008	None	743973	124605	●	●	
0104-032008			3/19/2008	3/20/2008	None	743970	124605	●	●	
		0104-032008MS	3/19/2008	3/20/2008	None	743970MS	124605	●	●	
		0104-032008MSD	3/19/2008	3/20/2008	None	743970MD	124605	●	●	
	2104-032008		3/19/2008	3/20/2008	None	743972	124605	●	●	
0105-032008			3/20/2008	3/21/2008	None	744160	124604	●	●	
0106-032008			3/21/2008	3/22/2008	None	744322	124620	●	●	
0109-032008			3/20/2008	3/21/2008	None	744155	124604	●	●	
0110-032008			3/20/2008	3/21/2008	None	744156	124604	●	●	
0112-032008			3/20/2008	3/21/2008	None	744152	124604	●	●	
UNFL-010A-032008			3/20/2008	3/21/2008	None	744146	124604	●	●	
UNFL-IR-016-032008			3/27/2008	3/28/2008	None	745109	124715	●	●	
	UNFL-IR-216-032008		3/27/2008	3/28/2008	None	745110	124715	●	●	
UNFL-IR-019-032008			3/20/2008	3/21/2008	None	744153	124604	●	●	

Table 2-1
Sample Collection Summary
First Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field ID	Quality Control Samples	MS/MSD Samples	Date Sampled	Date Received by Lab	COC Record Number	Lab ID	SDG	Analyses		
								VOCs	Explosives	TSS
Trip Blanks										
TRB-216-032008			3/27/2008	3/28/2008	None	745111	124715	•		
TRB-254-032008			3/19/2008	3/21/2008	None	744163	124620	•		
TRB-255-032008			3/18/2008	3/20/2008	None	743968	124604	•		
TRB-274-032008			3/21/2008	3/22/2008	None	744320	124620	•		
TRB-2100-032008			3/20/2008	3/21/2008	None	744145	124604	•		
TRB-2104-032008			3/19/2008	3/20/2008	None	743971	124605	•		
TRB-252A-042008			4/10/2008	4/11/2008	None	748404	124945	•		

Notes:

• = Requested for the indicated analyses.
COC = Chain of Custody Record
ID = Identification
Lab = Laboratory
MS/MSD = Matrix Spike / Matrix Spike Duplicate
SDG = Sample Delivery Group
VOCs = Volatile Organic Compounds
TSS = Total Suspended Solids

[1] Sample 052A-B-032008 was initially collected from the wrong sampling port.
The results for this sample are not used.
Sample was recollected on April 10, 2008 and reported as 052A-B-042008.

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Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-029	WSW-029A	WSW-050A	WSW-050B	WSW-051	WSW-051A
Field Sample ID:		029-032008	029A-032008	050A-032008	050B-032008	051-032008	051A-032008
Laboratory Sample ID:		744331	744332	744140	744141	744329	744328
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/21/2008	3/21/2008	3/19/2008	3/19/2008	3/21/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-029	WSW-029A	WSW-050A	WSW-050B	WSW-051	WSW-051A
Field Sample ID:		029-032008	029A-032008	050A-032008	050B-032008	051-032008	051A-032008
Laboratory Sample ID:		744331	744332	744140	744141	744329	744328
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/21/2008	3/21/2008	3/19/2008	3/19/2008	3/21/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-052A	WSW-052A	WSW-052A-B	WSW-052A-B	WSW-052B	WSW-052C
Field Sample ID:		052A-032008	252A-032008	052A-B-042008	252A-B-042008	052B-032008	052C-032008
Laboratory Sample ID:		744164	744150	748402	748403	744327	744142
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/20/2008	4/10/2008	4/10/2008	3/21/2008	3/19/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-052A	WSW-052A	WSW-052A-B	WSW-052A-B	WSW-052B	WSW-052C
Field Sample ID:		052A-032008	252A-032008	052A-B-042008	252A-B-042008	052B-032008	052C-032008
Laboratory Sample ID:		744164	744150	748402	748403	744327	744142
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/20/2008	4/10/2008	4/10/2008	3/21/2008	3/19/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-052C-B	WSW-053	WSW-053-B	WSW-054	WSW-054-B	WSW-055
Field Sample ID:		052C-B-032008	053-032008	053-B-032008	054-032008	054-B-032008	055-032008
Laboratory Sample ID:		744143	743974	743975	744138	744139	743967
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/19/2008	3/19/2008	3/19/2008	3/19/2008	3/18/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 11.6 I 1.2	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	3.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-052C-B	WSW-053	WSW-053-B	WSW-054	WSW-054-B	WSW-055
Field Sample ID:		052C-B-032008	053-032008	053-B-032008	054-032008	054-B-032008	055-032008
Laboratory Sample ID:		744143	743974	743975	744138	744139	743967
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/19/2008	3/19/2008	3/19/2008	3/19/2008	3/18/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		DL 11.6 I 1.2	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Carbon Disulfide	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.52 J	0.50 U	0.50 U	0.50 U	4.6	0.50 U
Chloromethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	2.2	0.50 U	0.23 J	0.50 U	0.88	0.50 U
cis-1,3-Dichloropropene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 UJ
tert-Butylbenzene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	(11.6x) 180	0.50 U	3.2	0.50 U	20	0.50 U
Trichlorofluoromethane	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.60 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-055	WSW-056	WSW-057	WSW-058	WSW-059	WSW-060
Field Sample ID:		255-032008	056-032008	057-032008	058-032008	059-032008	060-032008
Laboratory Sample ID:		743969	744325	743977	743976	743978	743981
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/18/2008	3/21/2008	3/19/2008	3/19/2008	3/19/2008	3/19/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells							
Station ID:		WSW-055	WSW-056	WSW-057	WSW-058	WSW-059	WSW-060
Field Sample ID:		255-032008	056-032008	057-032008	058-032008	059-032008	060-032008
Laboratory Sample ID:		743969	744325	743977	743976	743978	743981
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/18/2008	3/21/2008	3/19/2008	3/19/2008	3/19/2008	3/19/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-061	WSW-062	WSW-065	WSW-066	WSW-067	WSW-068
Field Sample ID:		061-032008	062-032008	065-032008	066-032008	067-032008	068-032008
Laboratory Sample ID:		743980	743979	744147	744148	744149	744330
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/19/2008	3/20/2008	3/20/2008	3/20/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells							
Station ID:		WSW-061	WSW-062	WSW-065	WSW-066	WSW-067	WSW-068
Field Sample ID:		061-032008	062-032008	065-032008	066-032008	067-032008	068-032008
Laboratory Sample ID:		743980	743979	744147	744148	744149	744330
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/19/2008	3/20/2008	3/20/2008	3/20/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-073	WSW-074	WSW-075	WSW-077	WSW-079	WSW-086
Field Sample ID:		073-032008	074-032008	075-032008	077-032008	079-032008	086-032008
Laboratory Sample ID:		744321	744319	744158	744157	744159	744323
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/21/2008	3/21/2008	3/20/2008	3/20/2008	3/20/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-073	WSW-074	WSW-075	WSW-077	WSW-079	WSW-086
Field Sample ID:		073-032008	074-032008	075-032008	077-032008	079-032008	086-032008
Laboratory Sample ID:		744321	744319	744158	744157	744159	744323
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/21/2008	3/21/2008	3/20/2008	3/20/2008	3/20/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-087	WSW-089	WSW-091	WSW-092	WSW-095
Field Sample ID:		087-032008	089-032008	091-032008	092-032008	095-032008
Laboratory Sample ID:		744324	744326	743982	743983	744154
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/21/2008	3/21/2008	3/19/2008	3/19/2008	3/20/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**					
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells						
	Station ID:	WSW-087	WSW-089	WSW-091	WSW-092	WSW-095
	Field Sample ID:	087-032008	089-032008	091-032008	092-032008	095-032008
	Laboratory Sample ID:	744324	744326	743982	743983	744154
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/21/2008	3/21/2008	3/19/2008	3/19/2008	3/20/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**					
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.66	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.69	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-096	WSW-097	WSW-100	WSW-103	WSW-104	WSW-104
Field Sample ID:		096-032008	097-032008	0100-032008	0103-032008	0104-032008	2104-032008
Laboratory Sample ID:		744161	744162	744144	743973	743970	743972
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/20/2008	3/20/2008	3/19/2008	3/19/2008	3/19/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-096	WSW-097	WSW-100	WSW-103	WSW-104	WSW-104
Field Sample ID:		096-032008	097-032008	0100-032008	0103-032008	0104-032008	2104-032008
Laboratory Sample ID:		744161	744162	744144	743973	743970	743972
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/20/2008	3/20/2008	3/19/2008	3/19/2008	3/19/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.58	0.78
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-105	WSW-106	WSW-109	WSW-110	WSW-112	UNFL-10A
Field Sample ID:		0105-032008	0106-032008	0109-032008	0110-032008	0112-032008	UNFL-010A-032008
Laboratory Sample ID:		744160	744322	744155	744156	744152	744146
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/21/2008	3/20/2008	3/20/2008	3/20/2008	3/20/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-105	WSW-106	WSW-109	WSW-110	WSW-112	UNFL-10A
Field Sample ID:		0105-032008	0106-032008	0109-032008	0110-032008	0112-032008	UNFL-010A-032008
Laboratory Sample ID:		744160	744322	744155	744156	744152	744146
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/21/2008	3/20/2008	3/20/2008	3/20/2008	3/20/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.38 J	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells				
	Station ID:	UNFL-IR-16A	UNFL-IR-16A	G-054654
	Field Sample ID:	UNFL-016-032008	UNFL-216-032008	UNFL-019-032008
	Laboratory Sample ID:	745109	745110	744153
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	3/27/2008	3/27/2008	3/20/2008
	Field QC	Original Sample	Field Duplicate	Original Sample
	Analysis Information	I 1	I 1	I 1
Volatile Organic Compounds	**Units**			
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells				
	Station ID:	UNFL-IR-16A	UNFL-IR-16A	UNFL-IR-19A
	Field Sample ID:	UNFL-016-032008	UNFL-216-032008	UNFL-019-032008
	Laboratory Sample ID:	745109	745110	744153
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	3/27/2008	3/27/2008	3/20/2008
	Field QC	Original Sample	Field Duplicate	Original Sample
	Analysis Information	I 1	I 1	I 1
Volatile Organic Compounds	**Units**			
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	19	19	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U

Table 3-1
Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis

DL = Diluted analysis

"1" = Dilution factor

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Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-029	WSW-029A	WSW-050A	WSW-050B	WSW-051	WSW-051A
Field Sample ID:		029-032008	029A-032008	050A-032008	050B-032008	051-032008	051A-032008
Laboratory Sample ID:		744331	744332	744140	744141	744329	744328
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/21/2008	3/21/2008	3/19/2008	3/19/2008	3/21/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	1.3 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.17 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	1.7 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.96 J	0.25 U	0.25 U	0.39	0.25 U	0.12 J
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-052A	WSW-052A	WSW-052A-B	WSW-052A-B	WSW-052B	WSW-052C
	Field Sample ID:	052A-032008	252A-032008	052A-B-042008	252A-B-042008	052B-032008	052C-032008
	Laboratory Sample ID:	744164	744150	748402	748403	744327	744142
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/20/2008	3/20/2008	4/10/2008	4/10/2008	3/21/2008	3/19/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.38	0.37	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-052C-B	WSW-053	WSW-053-B	WSW-054	WSW-054-B	WSW-055
Field Sample ID:		052C-B-032008	053-032008	053-B-032008	054-032008	054-B-032008	055-032008
Laboratory Sample ID:		744143	743974	743975	744138	744139	743967
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/19/2008	3/19/2008	3/19/2008	3/19/2008	3/18/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.025 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.061 J	0.25 U	0.25 U	0.25 U	0.039 J	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.026 J	0.25 U	0.25 U	0.25 U	0.36	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.32	0.25 U	0.57	0.25 UJ
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	5.4	0.25 U	4.4	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-055	WSW-056	WSW-057	WSW-058	WSW-059	WSW-060
Field Sample ID:		255-032008	056-032008	057-032008	058-032008	059-032008	060-032008
Laboratory Sample ID:		743969	744325	743977	743976	743978	743981
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/18/2008	3/21/2008	3/19/2008	3/19/2008	3/19/2008	3/19/2008
Field QC		Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-061	WSW-062	WSW-065	WSW-066	WSW-067	WSW-068
Field Sample ID:		061-032008	062-032008	065-032008	066-032008	067-032008	068-032008
Laboratory Sample ID:		743980	743979	744147	744148	744149	744330
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/19/2008	3/20/2008	3/20/2008	3/20/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-073	WSW-074	WSW-075	WSW-077	WSW-079	WSW-086
Field Sample ID:		073-032008	074-032008	075-032008	077-032008	079-032008	086-032008
Laboratory Sample ID:		744321	744319	744158	744157	744159	744323
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/21/2008	3/21/2008	3/20/2008	3/20/2008	3/20/2008	3/21/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-087	WSW-089	WSW-091	WSW-092	WSW-095
	Field Sample ID:	087-032008	089-032008	091-032008	092-032008	095-032008
	Laboratory Sample ID:	744324	744326	743982	743983	744154
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	3/21/2008	3/21/2008	3/19/2008	3/19/2008	3/20/2008
	Field QC	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**					
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-096	WSW-097	WSW-100	WSW-103	WSW-104	WSW-104
Field Sample ID:		096-032008	097-032008	0100-032008	0103-032008	0104-032008	2104-032008
Laboratory Sample ID:		744161	744162	744144	743973	743970	743972
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/20/2008	3/20/2008	3/19/2008	3/19/2008	3/19/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 UJ
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-105	WSW-106	WSW-109	WSW-110	WSW-112	UNFL-10A
Field Sample ID:		0105-032008	0106-032008	0109-032008	0110-032008	0112-032008	UNFL-010A-032008
Laboratory Sample ID:		744160	744322	744155	744156	744152	744146
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/21/2008	3/20/2008	3/20/2008	3/20/2008	3/20/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells				
	Station ID:	UNFL-IR-16A	UNFL-IR-16A	G-054654
	Field Sample ID:	UNFL-016-032008	UNFL-216-032008	UNFL-019-032008
	Laboratory Sample ID:	745109	745110	744153
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	3/27/2008	3/27/2008	3/20/2008
	Field QC	Original Sample	Field Duplicate	Original Sample
	Analysis Information	I 1	I 1	I 1
Explosives	**Units**			
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U

Table 3-2
Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

TALVT = TestAmerica, Vermont

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

DL = Diluted analysis

"1" = Dilution factor

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Table 3-3
Results - Wet Chemistry Parameters
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells						
	Station ID:	WSW-052A-B	WSW-052A-B	WSW-052C-B	WSW-053-B	WSW-054-B
	Field Sample ID:	052A-B-042008	252A-B-042008	052C-B-032008	053-B-032008	054-B-032008
	Laboratory Sample ID:	748402	748403	744143	743975	744139
	Laboratory Name	TALVT	TALVT	TALVT	TALVT	TALVT
	Sample Date:	4/10/2008	4/10/2008	3/19/2008	3/19/2008	3/19/2008
	Field QC	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
	Analysis Information	I 1	I 1	I 1	I 1	I 1
Wet Chemistry	**Units**					
Total Suspended Solids	mg/l	0.5 U	0.5 U	0.5 U	0.6	0.5 U

Notes:
U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

mg/l = milligrams per liter
ID = Identification
QC = Quality Control
TALVT = TestAmerica, Vermont

Analysis Information:
I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

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Table 3-4
Detections - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-052C-B		WSW-053-B	WSW-054-B	WSW-087	WSW-104	WSW-104
Field Sample ID:		052C-B-032008		053-B-032008	054-B-032008	087-032008	0104-032008	2104-032008
Laboratory Sample ID:		744143		743975	744139	744324	743970	743972
Laboratory Name		TALVT		TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008		3/19/2008	3/19/2008	3/21/2008	3/19/2008	3/19/2008
Field QC		Original Sample		Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate
Analysis Information		DL 11.6	I 1.2	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**							
Chloroform	µg/l		0.52 J		4.6		0.58	0.78
cis-1,2-Dichloroethene	µg/l		2.2	0.23 J	0.88			
m- & p-Xylene	µg/l					0.66		
Styrene	µg/l							
Trichloroethene	µg/l	(11.6x)	180	3.2	20			
Xylene (total)	µg/l					0.69		

Table 3-4
Detections - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells				
	Station ID:	WSW-105	UNFL-IR-16A	UNFL-IR-16A
	Field Sample ID:	0105-032008	UNFL-016-032008	UNFL-216-032008
	Laboratory Sample ID:	744160	745109	745110
	Laboratory Name	TALVT	TALVT	TALVT
	Sample Date:	3/20/2008	3/27/2008	3/27/2008
	Field QC	Original Sample	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1	I 1
Volatile Organic Compounds	**Units**			
Chloroform	µg/l			
cis-1,2-Dichloroethene	µg/l			
m- & p-Xylene	µg/l			
Styrene	µg/l	0.38 J		
Trichloroethene	µg/l		19	19
Xylene (total)	µg/l			

Notes:

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:
I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

Table 3-5
Detections - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-029	WSW-050B	WSW-051A	WSW-052A-B	WSW-052A-B	WSW-052C-B	WSW-053-B	WSW-054-B
Field Sample ID:		029-032008	050B-032008	051A-032008	052A-B-042008	252A-B-042008	052C-B-032008	053-B-032008	054-B-032008
Laboratory Sample ID:		744331	744141	744328	748402	748403	744143	743975	744139
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/21/2008	3/19/2008	3/21/2008	4/10/2008	4/10/2008	3/19/2008	3/19/2008	3/19/2008
Field QC		Original Sample	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**								
2,4,6-Trinitrotoluene	µg/l						0.025 J		
2-Amino-4,6-dinitrotoluene	µg/l	1.3 J					0.061 J		0.039 J
2-Nitrotoluene	µg/l	0.17 J							
4-Amino-2,6-dinitrotoluene	µg/l	1.7 J					0.026 J		0.36
HMX	µg/l							0.32	0.57
RDX	µg/l	0.96 J	0.39	0.12 J	0.38	0.37		5.4	4.4

Notes:
J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
TALVT = TestAmerica, Vermont
HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Analysis Information:
I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

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Table 3-6
Detections - Wet Chemistry Parameters
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells		
	Station ID:	WSW-053-B
	Field Sample ID:	053-B-032008
	Laboratory Sample ID:	743975
	Laboratory Name	TALVT
	Sample Date:	3/19/2008
	Field QC	Original Sample
	Analysis Information	I 1
Wet Chemistry	**Units**	
Total Suspended Solids	mg/l	0.6

Notes:

mg/l = milligrams per liter
ID = Identification
QC = Quality Control
TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

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Table 3-7
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-052A	WSW-052A	WSW-052A-B	WSW-052A-B	WSW-055	WSW-055
Field Sample ID:		052A-032008	252A-032008	052A-B-042008	252A-B-042008	055-032008	255-032008
Laboratory Sample ID:		744164	744150	748402	748403	743967	743969
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/20/2008	4/10/2008	4/10/2008	3/18/2008	3/18/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U

Table 3-7
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-052A	WSW-052A	WSW-052A-B	WSW-052A-B	WSW-055	WSW-055
Field Sample ID:		052A-032008	252A-032008	052A-B-042008	252A-B-042008	055-032008	255-032008
Laboratory Sample ID:		744164	744150	748402	748403	743967	743969
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/20/2008	4/10/2008	4/10/2008	3/18/2008	3/18/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-7
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells					
Station ID:		WSW-104	WSW-104	UNFL-IR-16A	UNFL-IR-16A
Field Sample ID:		0104-032008	2104-032008	UNFL-016-032008	UNFL-216-032008
Laboratory Sample ID:		743970	743972	745109	745110
Laboratory Name		TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/19/2008	3/27/2008	3/27/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**				
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-7
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells					
Station ID:		WSW-104	WSW-104	UNFL-IR-16A	UNFL-IR-16A
Field Sample ID:		0104-032008	2104-032008	UNFL-016-032008	UNFL-216-032008
Laboratory Sample ID:		743970	743972	745109	745110
Laboratory Name		TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/19/2008	3/27/2008	3/27/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**				
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.58	0.78	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	19	19
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-7
Field Duplicate Results - Volatile Organic Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

TALVT = TestAmerica, Vermont

Analysis Information:

I = Initial analysis

DL = Diluted analysis

"1" = Dilution factor

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Table 3-8
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		WSW-052A	WSW-052A	WSW-052A-B	WSW-052A-B	WSW-055	WSW-055
Field Sample ID:		052A-032008	252A-032008	052A-B-042008	252A-B-042008	055-032008	255-032008
Laboratory Sample ID:		744164	744150	748402	748403	743967	743969
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/20/2008	3/20/2008	4/10/2008	4/10/2008	3/18/2008	3/18/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Explosives	**Units**						
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.38	0.37	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-8
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells					
Station ID:		WSW-104	WSW-104	UNFL-IR-16A	UNFL-IR-16A
Field Sample ID:		0104-032008	2104-032008	UNFL-016-032008	UNFL-216-032008
Laboratory Sample ID:		743970	743972	745109	745110
Laboratory Name		TALVT	TALVT	TALVT	TALVT
Sample Date:		3/19/2008	3/19/2008	3/27/2008	3/27/2008
Field QC		Original Sample	Field Duplicate	Original Sample	Field Duplicate
Analysis Information		I 1	I 1	I 1	I 1
Explosives	**Units**				
1,3,5-Trinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
HMX	µg/l	0.25 UJ	0.25 UJ	0.25 U	0.25 U
Nitrobenzene	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
RDX	µg/l	0.25 U	0.25 U	0.25 U	0.25 U
Tetryl	µg/l	0.25 U	0.25 U	0.25 U	0.25 U

Table 3-8
Field Duplicate Results - Explosive Compounds
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

ID = Identification

QC = Quality Control

TALVT = TestAmerica, Vermont

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

DL = Diluted analysis

"1" = Dilution factor

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Table 3-9
Field Duplicate Results - Wet Chemistry Parameters
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-052A-B	WSW-052A-B
	Field Sample ID:	052A-B-042008	252A-B-042008
	Laboratory Sample ID:	748402	748403
	Laboratory Name	TALVT	TALVT
	Sample Date:	4/10/2008	4/10/2008
	Field QC	Original Sample	Field Duplicate
	Analysis Information	I 1	I 1
Wet Chemistry	**Units**		
Total Suspended Solids	mg/l	0.5 U	0.5 U

Notes:
U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

mg/l = milligrams per liter
ID = Identification
QC = Quality Control
TALVT = TestAmerica, Vermont

Analysis Information:
I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

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Table 3-10
Trip Blank Results
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Field Sample ID:		TRB-216-032008	TRB-254-032008	TRB-255-032008	TRB-274-032008	TRB-2100-032008	TRB-2140-032008
Laboratory Sample ID:		745111	744163	743968	744320	744145	743971
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/27/2008	3/19/2008	3/18/2008	3/21/2008	3/20/2008	3/19/2008
Field QC		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
1,1,1,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	µg/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-10
Trip Blank Results
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Field Sample ID:		TRB-216-032008	TRB-254-032008	TRB-255-032008	TRB-274-032008	TRB-2100-032008	TRB-2140-032008
Laboratory Sample ID:		745111	744163	743968	744320	744145	743971
Laboratory Name		TALVT	TALVT	TALVT	TALVT	TALVT	TALVT
Sample Date:		3/27/2008	3/19/2008	3/18/2008	3/21/2008	3/20/2008	3/19/2008
Field QC		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Analysis Information		I 1	I 1	I 1	I 1	I 1	I 1
Volatile Organic Compounds	**Units**						
Carbon Disulfide	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylene (total)	µg/l	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-10
Trip Blank Results
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells		
	Station ID:	Trip Blank
	Field Sample ID:	TRB-252A-042008
	Laboratory Sample ID:	748404
	Laboratory Name	TALVT
	Sample Date:	4/10/2008
	Field QC	Trip Blank
	Analysis Information	I 1
Volatile Organic Compounds	**Units**	
1,1,1,2-Tetrachloroethane	µg/l	0.50 U
1,1,1-Trichloroethane	µg/l	0.50 U
1,1,2,2-Tetrachloroethane	µg/l	0.50 U
1,1,2-Trichloroethane	µg/l	0.50 U
1,1-Dichloroethane	µg/l	0.50 U
1,1-Dichloroethene	µg/l	0.50 U
1,1-Dichloropropene	µg/l	0.50 U
1,2,3-Trichlorobenzene	µg/l	0.50 U
1,2,3-Trichloropropane	µg/l	0.50 U
1,2,4-Trichlorobenzene	µg/l	0.50 U
1,2-Dibromo-3-Chloropropane	µg/l	0.50 U
1,2-Dibromoethane	µg/l	0.50 U
1,2-Dichlorobenzene	µg/l	0.50 U
1,2-Dichloroethane	µg/l	0.50 U
1,2-Dichloropropane	µg/l	0.50 U
1,3,5-Trimethylbenzene	µg/l	0.50 U
1,3-Dichlorobenzene	µg/l	0.50 U
1,3-Dichloropropane	µg/l	0.50 U
1,4-Dichlorobenzene	µg/l	0.50 U
2,2-Dichloropropane	µg/l	0.50 U
2-Butanone	µg/l	5.0 U
2-Chlorotoluene	µg/l	0.50 U
2-Hexanone	µg/l	2.5 U
4-Chlorotoluene	µg/l	0.50 U
Acetone	µg/l	5.0 U
Benzene	µg/l	0.50 U
Bromobenzene	µg/l	0.50 U
Bromochloromethane	µg/l	0.50 U
Bromodichloromethane	µg/l	0.50 U
Bromoform	µg/l	0.50 U
Bromomethane	µg/l	0.50 U

Table 3-10
Trip Blank Results
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells		
	Station ID:	Trip Blank
	Field Sample ID:	TRB-252A-042008
	Laboratory Sample ID:	748404
	Laboratory Name	TALVT
	Sample Date:	4/10/2008
	Field QC	Trip Blank
	Analysis Information	I 1
Volatile Organic Compounds	**Units**	
Carbon Disulfide	µg/l	0.50 U
Carbon Tetrachloride	µg/l	0.50 U
Chlorobenzene	µg/l	0.50 U
Chloroethane	µg/l	0.50 U
Chloroform	µg/l	0.50 U
Chloromethane	µg/l	0.50 U
cis-1,2-Dichloroethene	µg/l	0.50 U
cis-1,3-Dichloropropene	µg/l	0.50 U
Dibromochloromethane	µg/l	0.50 U
Dibromomethane	µg/l	0.50 U
Dichlorodifluoromethane	µg/l	0.50 U
Ethylbenzene	µg/l	0.50 U
Hexachlorobutadiene	µg/l	0.50 U
Isopropylbenzene	µg/l	0.50 U
m- & p-Xylene	µg/l	0.50 U
Methylene Chloride	µg/l	0.50 U
Methyl-t-Butyl Ether	µg/l	0.50 U
Naphthalene	µg/l	0.50 U
n-Butylbenzene	µg/l	0.50 U
n-Propylbenzene	µg/l	0.50 U
o-Xylene	µg/l	0.50 U
p-Isopropyltoluene	µg/l	0.50 U
Styrene	µg/l	0.50 U
tert-Butylbenzene	µg/l	0.50 U
Tetrachloroethene	µg/l	0.50 U
Toluene	µg/l	0.50 U
trans-1,2-Dichloroethene	µg/l	0.50 U
trans-1,3-Dichloropropene	µg/l	0.50 U
Trichloroethene	µg/l	0.50 U
Trichlorofluoromethane	µg/l	0.50 U
Vinyl Chloride	µg/l	0.50 U
Xylene (total)	µg/l	0.50 U

Table 3-10
Trip Blank Results
First Quarter 2008 Water Supply Wells Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

ug/l = micrograms per liter
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
TALVT = TestAmerica, Vermont

Analysis Information:
I = Initial analysis
DL = Diluted analysis
"1" = Dilution factor

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Table 4-1
Data Evaluation Results
Firstd Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample Identification	Date Sampled	SDG	Lab Number	Analysis	Parameter	Units	Laboratory Result		Data Review Qualifier	Reason for Qualification					Comments	Final Result
										RPD	SUR	LCS	MS	CR		
029-032008	3/21/2008	124620	744331	Explosives	RDX	µg/L	0.96		J		x				High SUR %REC	0.96 J
					4-Amino-2,6-dinitrotoluene	µg/L	1.7		J	x	x				RPD between column results exceeded 40% High SUR %REC	1.7 J
					2-Amino-4,6-dinitrotoluene	µg/L	1.3		J	x	x				RPD between column results exceeded 40% High SUR %REC	1.3 J
					2-Nitrotoluene	µg/L	0.17	J	J	x	x				RPD between column results exceeded 40% High SUR %REC	0.17 J
029A-032008	3/21/2008	124620	744332	Explosives	HMX	µg/L	0.25	U	UJ				x		Low MSD %REC	0.25 UJ
052A-032008	3/20/2008	124620	744164	VOC	Styrene	µg/L	0.5	U	UJ				x		Low MS/MSD %RECs	0.5 UJ
052C-B-032008	3/19/2008	124604	744143	VOC	TCE	µg/L	170	E	not used					x	Calibration Range Exceeded Report TCE from Dilution	170 not used
				Explosives	4-Amino-2,6-dinitrotoluene	µg/L	0.026	J	J	x					RPD between column results exceeded 40%	0.026 J
					2,4,6-Trinitrotoluene	µg/L	0.025	J	J	x					RPD between column results exceeded 40%	0.025 J
052C-B-032008DL	3/19/2008	124604	744143DL	VOC	All Results Except TCE	µg/L	Various	Various	Not used					x	Report only TCE from this Analysis	180 D
054-B-032008	3/19/2008	124605	744139	Explosives	2-Amino-4,6-dinitrotoluene	µg/L	0.039	J	J	x					RPD between column results exceeded 40%	0.039 J
055-032008	3/18/2008	124604	743967	VOC	Styrene	µg/L	0.5	U	UJ				x		Low MS/MSD %RECs	0.5 UJ
				Explosives	HMX	µg/L	0.25	U	UJ				x		Low MS %REC	0.25 UJ
0104-032008	3/19/2008	124605	743970	Explosives	HMX	µg/L	0.25	U	UJ				x		Low MSD %REC	0.25 UJ
2104-032008	3/19/2008	124605	743972	Explosives	HMX	µg/L	0.25	U	UJ				x		Low MSD %REC	0.25 UJ
052A-B-042008	4/10/2008	124945	748402	VOC	Bromomethane	µg/L	0.5	U	UJ			x			Low LCS %REC LCS/LCSD RPD > 30%	0.5 UJ
252A-B-042008	4/10/2008	124945	748403	VOC	Bromomethane	µg/L	0.5	U	UJ			x			Low LCS %REC LCS/LCSD RPD > 30%	0.5 UJ

Notes:

J = Estimated
LCS/LCSD = Laboratory Control Sample/ Laboratory Control Sample Duplicate
MS/MSD = Matrix Spike / Matrix SpikeDuplicate
µg/L = micrograms per liter
%REC = Percent Recovery
E = Laboratory qualifier indicating a calibration range exceedance
RPD = Relative Percent Difference
SDG = Sample Delivery Group
U = Non Detect
VOCs =Volatile Organic Compound
CR = Calibration Range
DL = Dilution

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Table 4-2
VOCs Quality Control Outliers
First Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample ID(s) Requiring Qualification	SDG	Compound(s)	QC Parameter	Laboratory QC Parameter Control Limit	QC Result
Matrix Spike / Matrix Spike Duplicate					
052A-B-042008 252A-B-042008	124945	Bromomethane	LCS %REC LCS/LCSD RPD	70-130% 30%	69% REC 37% RPD
Matrix Spike / Matrix Spike Duplicate					
052A-032008	124620	Styrene	MS/MSD %REC	70-130%	26% 23%
055-032008	124604	Styrene	MS/MSD %REC	70-130%	55% 65%
Dilutions and Reanalyses (E flags are not used in completeness percentage when dilutions are available)					
052C-B-032008	124604	TCE	Calibration Range Exceedance	Linear Calibration Range	170 E Report as 180 D

Note: The sample above was diluted and reanalyzed. The result for TCE should be reported from the dilution.

Notes:

D = Result from dilution
E = Exceeds Calibration Range
ID = Identification
MS = Matrix Spike
MSD = Matrix Spike Duplicate
QC = Quality Control
% REC = Percent Recovery
SDG = Sample Delivery Group
TCE = Trichloroethene

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Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample ID(s) Requiring Qualification	SDG	Compound(s)	QC Parameter	Laboratory QC Parameter Control Limit	QC Result
Surogates					
029-032008	124620	4-Amino-2,6-dinitrotoluene 2-Amino-4,6-dinitrotoluene 2-Nitrotoluene RDX	1,2-Dinitrobenzene %REC	117% 124%	70-115%
Matrix Spike / Matrix Spike Duplicate					
029-032008	124620	HMX	MSD %REC	85-115%	82%
055-032008	124604	HMX	MS %REC	85-115%	82%
0104-032008 2104-032008	124605	HMX	MSD %REC	85-115%	80%

Table 4-3
Explosives Quality Control Outliers
First Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Sample ID(s) Requiring Qualification	SDG	Compound(s)	QC Parameter	Laboratory QC Parameter Control Limit	QC Result
Other QC (These outliers were not used in completeness percentage)					
029-032008	124620	4-Amino-2,6-dinitrotoluene 2-Amino-4,6-dinitrotoluene 2-Nitrotoluene	RPD Between Column Results	40%	190% 190% 74%
052C-B-032008	124604	4-Amino-2,6-dinitrotoluene 2,4,6-Trinitrotoluene	RPD Between Column Results	40%	93% 85%
054-B-032008	124605	2-Amino-4,6-dinitrotoluene	RPD Between Column Results	40%	79%

Notes:

ID = Identification
MS = Matrix Spike
MSD = Matrix Spike Duplicate
% REC = Percent Recovery
QC = Quality Control
SDG = Sample Delivery Group
RPD = Relative percent difference

Table 5-1
Field Completeness
First Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Analysis	Number of Samples Planned[1]	Number of Samples Collected[2]	Field Completeness
Volatile Organic Compounds	59	56	95%
Explosives	59	56	95%
TSS	5	5	100%
Totals =	123	117	95%
Goal =			95%

Notes:

[1] = Number of samples includes field samples and duplicate samples.
Note: Three sample locations scheduled for sampling this quarter could not be sampled. WSW-76 was from a vacant home and the field team was unable to obtain access for locations WSW-99 and G-053630.

[2] Sample 052A-B-032008 was initially collected from the wrong sampling port.
The results for this sample are not used.
Sample was recollected on April 10, 2008 and reported as 052A-B-042008.
The resampling was not counted as an extra sample.

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Table 5-2
Analytical Completeness
First Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Analysis	Total Number of Parameters[1]	Acceptable Data[2]	Acceptable Data Completeness	Acceptable Data Completeness Goals	Quality Data[3]	Quality Data Completeness	Quality Data Completeness Goals
Volatile Organic Compounds (63)	3528	3524	99.9%	90%	3528	100%	80%
Explosives (14)	784	776	99%	90%	784	100%	80%
TSS (1)	5	5	100%	90%	5	100%	80%
Totals =	4317	4305	99.7%	95%	4317	100%	80%

Notes:

[1] = Total number of parameters includes field samples (including data points from dilutions and/or reanalyses to be used in place of original data) and field duplicates.

[2] = Acceptable data is defined as data that passed all quality control (QC) criteria, or data that did not pass QC criteria but had appropriate corrective actions taken. Acceptable data completeness is a measure of laboratory contract compliance. R qualified data with acceptable replacement data are not counted.

[3] = Quality data is a measure of the percentage of usable data points. Quality data includes all data except rejected data points.

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Table 5-3
Project Completeness
First Quarter 2008 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Field[1]	Analytical[2]	Project Completeness[3]
95%	100%	98%
Project Completeness Goal =		90%

Notes:

[1] = Field completeness for sample collection was assessed by comparing the number of samples properly collected to the number of samples planned for collection.

Three sample locations scheduled for sampling this quarter could not be sampled. WSW-76 was from a vacant home and the field team was unable to obtain access for locations WSW-99 and G-053630.

[2] = Analytical completeness is the percentage of usable data (i.e. quality data completeness).

[3] = Project completeness combines sampling and analytical protocols to assess the expectations of the project as a whole. Project completeness is determined by comparing the percentage of samples / measurements that are determined to be usable to the total number of samples / measurements planned.

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Appendix A
Chain of Custody Records

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd, suite 350
Lakewood, CO 80401
Contact: John Ryder
Phone: 303-298-7607
Fax:
Contract/Quote:

Invoice to:
Company:
Address: SAME
Contact:
Phone:
Fax:

Sampler's Name: John Ryder
Sampler's Signature: [signature]

Proj. No.: 5403-001
Project Name: Mead FNOP
No/Type of Containers²: HCl/ICE

ANALYSIS REQUESTED: 524.2 - VOCs; 8330 - Explosives

COPY-ORIGINAL ON FILE
SDG # ~~124604~~ 124605 RCL 3/21/08
ETR # ~~124604~~ 124605 RCL 3/21/08

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix¹	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	524.2 - VOCs	8330 - Explosives	Lab/Sample ID (Lab Use Only)
W	3/18	1655		X	055-032008	3	2			X	X	
W	3/18	1655		X	TRB-255-032008	2				X		
W	3/18	1705		X	255-032008	3	2			X	X	
W	3/18	1710		X	055-032008 MS	3	2			X	X	
W	3/18	1710		X	055-032008 MSD	3	2			X	X	
W	3/19	0950		X	0104-032008	3	2			X	X	
W	3/19	0950		X	TRB-2104-032008	2				X		
W	3/19	0955		X	0104-032008 MS	3	2			X	X	
W	3/19	0955		X	0104-032008 MSD	3	2			X	X	
W	3/19	0955		X	2104-032008	3	2			X	X	

[initials] 3/19/08

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3/19/08	1455	Fed Ex	3/19/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	3.2008	1000
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: 1 of 2
Fed Ex 8634 7969 0289

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater (W) - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd. suite 350
Lakewood, CO 80401
Contact: John Ryder
Phone: 303-298-7607
Fax:
Contract/ Quote:

Invoice to:
Company:
Address: SAME
Contact:
Phone:
Fax:

Sampler's Name: John Ryder
Sampler's Signature: [signature]

Proj. No.: 5403.001
Project Name: Mead FNOP
No/Type of Containers²: HCl/ice

ANALYSIS REQUESTED: 524.2 VOC; 8330 EXPL; 160.2 TSS

COPY - ORIGINAL ON FILE
SDG #
ETR #

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix¹	Date 2008	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	524.2 VOC	8330 EXPL	160.2 TSS	Lab/Sample ID (Lab Use Only)
W	3/19	1010		X	0103-032008	3	2			X	X		
W	3/19	1030		X	053-032008	3	2			X	X		
W	3/19	1030		X	053-B-032008	3	2		1	X	X	X	
W	3/19	1150		X	058-032008	3	2			X	X		
W	3/19	1200		X	057-032008	3	2			X	X		
W	3/19	1215		X	059-032008	3	2			X	X		
W	3/19	1230		X	062-032008	3	2			X	X		
W	3/19	1240		X	061-032008	3	2			X	X		
W	3/19	1250		X	060-032008	3	2			X	X		
W	3/19	1310		X	091-032008	3	2			X	X		

[signature] 3/19/08

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3/19/08	1455	Fed Ex	3/19/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	3.20.08	1000
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: 2 of 2 Fed Ex 8634 79690289

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

1st Qtr 2008 WSW Sampling Event

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660.1990

COPY - ORIGINAL ON FILE
SDG # 124605 ETR # 124617

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd suite 350
Lakewood, CO 80401
Contact: John Ryder
Phone: 303 298-7607
Fax:
Contract/ Quote:

Invoice to:
Company:
Address: SAME
Contact:
Phone:
Fax:

Sampler's Name: John Ryder
Sampler's Signature:

Proj. No. 5403-001
Project Name: Mead FNOP
No/Type of Containers²: HCl / ice

ANALYSIS REQUESTED: 524.2 VOC; 8330 Explosives; 160.2 TSS

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix¹	Date 2008	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	524.2	8330	160.2	Lab /Sample ID (Lab Use Only)
~~W~~	~~3/19~~	~~1320~~		~~X~~	~~092-032008~~	~~X3~~	~~2~~			~~X~~	~~X~~		
W	3/19	1530		X	054-032008	3	2			X	X		
W	3/19	1530		X	054-B-032008	3	2		1	X	X	X	
W	3/19	1530		X	TRB-254-032008	2				X			
W	3/19	1600		X	050A-032008	3	2			X	X		
W	3/19	1620		X	050B-032008	3	2			X	X		
W	3/19	1645		X	052C-032008	3	2			X	X		
W	3/19	1645		X	052C-B-032008	3	2		1	X	X	X	
W	3/20	0900		X	0100-032008	3	2			X	X		
W	3/20	0900		X	TRB-2100-032008	2				X			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/20/08	1900		3/21/08	0940
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: 1 of 3 Fed Ex 8634 7969 0304

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

1st Qtr 2008 WSW Sampling Event

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

COPY - ORIGINAL ON FILE

SDG # 124605 ETR # 124617

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd. Suite 350
Lakewood, CO 80401
Contact: John Ryder
Phone: 303-298-7607
Fax:
Contract/ Quote:

Invoice to:
Company:
Address: SAME
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: John Ryder
Sampler's Signature:

Proj. No.: 5403.001
Project Name: Mead FNOP
No/Type of Containers²: HCl/ice

ANALYSIS REQUESTED: 524.2 VOC; 8330 Explosives; 160.2 TSS

Matrix¹	Date 2008	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	524.2	8330	160.2	Lab/Sample ID (Lab Use Only)
W	3/20	0917		X	VNFL-10A-032008	3	2			X	X		
W	3/20	0935		X	065-032008	3	2			X	X		
W	3/20	0950		X	066-032008	3	2			X	X		
W	3/20	1000		X	067-032008	3	2			X	X		
W	3/20	1045		X	052A-032008	3	2			X	X		
W	3/20	1045		X	052A-032008MS	3	2			X	X		
W	3/20	1045		X	052A-032008MSD	3	2			X	X		
W	3/20	1050		X	252A-032008	3	2			X	X		
W	3/20	1055		X	052A-B-032008	3	2	1	1	X	X	X	
W	3/20	1245		X	0112-032008	3	2			X	X		

3/20/08

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/20/08	1900		3/21/08	0940
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: 2 of 3 Fed Ex 8634 7969 0304

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660.1990

COPY - ORIGINAL ON FILE
SDG # 124605 ETR # 124617 1st Qtr 2008 WSW Sampling Event

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd. Suite 350
Lakewood, CO 80401
Contact: John Ryder
Phone: 303-248-7607
Fax:
Contract/ Quote:

Invoice to:
Company:
Address: SAME
Contact:
Phone:
Fax:

Sampler's Name: John Ryder
Sampler's Signature:

Proj. No. 5403.001
Project Name: Mead FNOP
No/Type of Containers²: HCl/ice

ANALYSIS REQUESTED: 524.2 VOC; 8330 Explosives

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix¹	Date 2008	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	524.2	8330	Lab/Sample ID (Lab Use Only)
W	3/20	1330		X	UNFL-IR-019-032008	3	2			X	X	
W	3/20	1440		X	095-032008	3	2			X	X	
W	3/20	1450		X	0109-032008	3	2			X	X	
W	3/20	1500		X	0110-032008	3	2			X	X	
W	3/20	1510		X	077-032008	3	2			X	X	
W	3/20	1520		X	075-032008	3	2			X	X	
W	3/20	1535		X	079-032008	3	2			X	X	
W	3/20	1550		X	0105-032008	3	2			X	X	
W	3/20	1600		X	096-032008	3	2			X	X	
W	3/20	1700		X	047-032008	3	2			X	X	

3/20/08

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/20/08	1900		3/21/08	0940
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: 3 of 3 Fed Ex 8634 7969 0304

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

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TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660.1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd suite 350
Lakewood, CO 80401
Contact: John Ryder
Phone: 303-248-7607
Fax:
Contract/ Quote:

Invoice to:
Company:
Address:
Contact: SAME
Phone:
Fax:

Sampler's Name: John Ryder
Sampler's Signature:

Proj. No. 5403.001
Project Name: Mead FNOP
No/Type of Containers[2]: HCl ice

ANALYSIS REQUESTED: 524.2 VOCs; 8330 Explosives

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix[1]	Date 2008	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	524.2	8330	Lab/Sample ID (Lab Use Only)
W	3/21	0845		X	074-032008	3	2			X	X	
W	3/21	0945		X	TRB-274-032008	2	0			X		
W	3/21	0955		X	073-032008	3	2			X	X	
W	3/21	0920		X	0106-032008	3	2			X	X	
W	3/21	0935		X	086-032008	3	2			X	X	
W	3/21	1000		X	087-032008	3	2			X	X	
W	3/21	1020		X	056-032008	3	2			X	X	
W	3/21	1035		X	089-032008	3	2			X	X	
W	3/21	1120		X	052B-032008	3	2			X	X	
W	3/21	1140		X	051A-032008	3	2			X	X	

3/21/08

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/21/08	1500	Fed Ex		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				32208	0930
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: 8634 7969 0326
1 of 2

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd suite 350
Lakewood, CO 80401
Contact: John Ryder
Phone: 303-298-7607
Fax:
Contract/ Quote:

Invoice to:
Company:
Address:
Contact: SAME
Phone:
Fax:

Sampler's Name: John Ryder
Sampler's Signature:

Proj. No. 5403.001
Project Name: Mead FNOP
No/Type of Containers²: HCl / ice

ANALYSIS REQUESTED: 524.2 VOCs; 8330 Explosives

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix¹	Date 2008	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	524.2	8330	Lab/Sample ID (Lab Use Only)
W	3/21	1150		X	051-032008	3	2			X	X	
W	3/21	1200		X	068-032008	3	2			X	X	
W	3/21	1240		X	029-032008	3	2			X	X	
W	3/21	1250		X	029A-032008	3	2			X	X	

3/21/08

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/21/08	1500	Fed Ex		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	32208	0930
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: 8634 7969 0326
2 of 2

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

Special Sampling Event
Mead FWOP
5403.001

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bldg 21 Suite 350
Lakewood, Colo. 80401
Contact: John Ryder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/ Quote:

Invoice to:
Company: Same
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Sampler's Name: Ralph Vest
Sampler's Signature: Ralph Vest

Proj. No.: 5403.001
Project Name: Mead FWOP
No/Type of Containers²: HCL (ICE)

ANALYSIS REQUESTED: 8330 (ICE), 8260 (HCL), 5242 VOC

Matrix¹	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	8330 (ICE)	8260 (HCL)	5242 VOC	Lab/Sample ID (Lab Use Only)
W	3/25/08	0940		X	TH-FW-14-032008A		2			X			
W	3/25/08	1235		X	TH-EW-14-032008B		2			X			
W	3/26/08	1600		X	OW-037-97-032008		2			X			
W	3/26/08	1845		X	OW-037-75-032008		2			X			
W	3/27/08	0945		X	UNFL-IR-016-032008	3	2			X	X		
W	3/27/08	0945		X	UNFL-IR-216-032008	3	2			X	X		
W	3/27/08	0945		X	TRB-216-032008	2					X		

RLD

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ralph Vest	3/27/08	1730	FedEx 8634 7969 0359	3/27/08	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				3/28/08	1015
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other _____

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

Pg 1 of 1

CHAIN OF CUSTODY RECORD

Report to:
Company: ECC
Address: 1746 Cole Blvd Bld 21 Suite 350 Lakewood Co 80401
Contact: John Ryder
Phone: 303-298-7607
Fax: 303-298-7837
Contract/Quote:

Invoice to:
Company:
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Tim Thares
Sampler's Signature: [signature]

Proj. No.: 5403 ...
Project Name: FNOP Mead

No/Type of Containers[2]

ANALYSIS REQUESTED: VOC's 524.2; Explosives 8330; TSS. 1602

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	VOC's 524.2	Explosives 8330	TSS. 1602	Lab/Sample ID (Lab Use Only)
w	4/10	1234		X	052A-B-042008	3	3			X	X	X	
w	4/10	1234		X	252A-B-042008	3	3			X	X	X	
w	4/10	1234		X	TRB-252A-042008	2				X			

11

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	4/10/08	1500	Fed Ex 8634-7969-0500	4.10.08	1500
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	4/11/08	1105
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: Resample WSW

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica Burlington

SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	ECCO	Date Received:	3/20/08	Log In Date:	3-20-08
ETR:	124605	Time Received:	1000	By:	AOL
SDG:	124605	Received By:	AOL	Signature:	
Project:	28000	# Coolers Received:	5	PM Signature:	Kristen Durell
Samples Delivered By: ☒ Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)				Date:	3/26/08

List Air bill Number(s) or Attach a photocopy of the Air Bill:

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present		X		

If yes, list custody seal numbers:

Thermal Preservation Type: ☒ Wet Ice ☐ Blue Ice ☐ None ☐ Other (specify)

IR Gun ID: 02 Correction Factor (CF) = 0 °C

Cooler 1:	2.4	°C	Cooler 6	°C	Cooler 11	°C	Cooler 16		°C
Cooler 2:	3.0	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17		°C
Cooler 3:	2.5	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18		°C
Cooler 4:	2.3	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19		°C
Cooler 5	2.9	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20		°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X	X		See Below
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type	X			
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet				

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X	X		See Below
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)	X			
Appropriate preservatives were used for the tests requested	X			
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form				

ANOMALY / NCR SUMMARY

Received Sample 092-032008 (collected 3-19-08 @ 1320) not listed on COC.

Moved Sample 055-032008 and TRB-255-032208 to start own SDG.

Received one broken amber bottle for sample 2104-032008, out of two sent.

For sample 0103-032008, Recontainerized one amber bottle due to a hair line fracture in the bottle. volume not compromised.

FSR002:12.19.07:3

TestAmerica Burlington

TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	ECCO	Date Received:	3/21/08	Log In Date:	3/21/08
ETR:	124619	Time Received:	0940	By:	JEG
SDG:	124604	Received By:	JEG	Signature:	
Project:	98000	# Coolers Received:	5	PM Signature:	Kristin Russell
Samples Delivered By: ☒ Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)				Date:	3/26/08

List Air bill Number(s) or Attach a photocopy of the Air Bill:

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present		X		

If yes, list custody seal numbers:

Thermal Preservation Type: ☒ Wet Ice ☐ Blue Ice ☐ None ☐ Other (specify)

IR Gun ID: 62 Correction Factor (CF) = 0 °C

Cooler 1:	2.0 °C	Cooler 6	3.6 °C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	2.5 °C	Cooler 7	2.5 °C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	3.9 °C	Cooler 8	2.9 °C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	2.6 °C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	2.4 °C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact		X		See below
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type	X			
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet			X	

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X			
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)	X			
Appropriate preservatives were used for the tests requested	X			
pH of inorganic samples checked and is within method specification		X		
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

Sample 0112-032008 was received with a broken cap on 1 of 2 1L amber glass jars. The cap was replaced and the sample was labeled "to be used as contingency".

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TestAmerica Burlington

TestAmerica Burlington

SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	ECCCO	Date Received:	03.22.08	Log In Date:	3.22.08
ETR:	124634	Time Received:	0930	By:	ADL
SDG:	124620	Received By:	ADL	Signature:	
Project:	28000	# Coolers Received:	1	PM Signature:	[illegible]
Samples Delivered By:	☒ Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)			Date:	3/26/08

List Air bill Number(s) or Attach a photocopy of the Air Bill:

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present		X		

If yes, list custody seal numbers:

Thermal Preservation Type: ☒ Wet Ice ☐ Blue Ice ☐ None ☐ Other (specify)

IR Gun ID:	62	Correction Factor (CF) = 0 °C					
Cooler 1:	3.5 °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	5.0 °C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	2.0 °C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	2.7 °C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type	X			
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet				

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X	X		See Below
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)	X			
Appropriate preservatives were used for the tests requested	X			
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form				

ANOMALY / NCR SUMMARY

Sample TRB-274-032008 is labeled on vials as TRB-074-032008, used COC ID to remain consistent with project.

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Appendix B
Reference Sheet
Data Validation Qualifiers
Drinking Water Standards

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Data Qualifiers and Drinking Water Standards Reference Sheet
Former Nebraska Ordnance Plant, Mead, Nebraska

Any qualifiers (i.e. U, J, or R) listed after a result are assigned during the data validation process. Data validation is a procedure which involves the review of quality control data provided by the laboratory. This review is followed by the assignment of data qualifiers (if necessary) which indicate the reliability of a result to the reader. Data validation is performed by a chemist employed outside of the laboratory or associated government installations to ensure accuracy in data reporting. A description of qualifiers is provided below.

No qualifier

- If a result has no assigned qualifier, the contaminant was detected, and the reader can be confident that the concentration is exact.

"U"

- A result followed by a "U" qualifier means that the contaminant was undetected, or not detected by the instrument.

"UJ"

- A result followed by a "UJ" qualifier means that the contaminant was not detected, but the associated detection level is not certain (estimated). For example, if a value is followed by a "UJ", the contaminant was not detected, but the associated detection level is in question. The detection level is in question because one or more of the laboratory quality control indicators do not meet acceptance criteria. The amount that the indicator fell outside of the criteria may be used as a rough estimate of how much the actual detection level differs from the stated one. Typically, this is a 10-30% difference.

"UR"

- A result followed by a "UR" qualifier means that the contaminant was not detected, but there is strong doubt that the associated detection level is accurate. For example, if a value is followed by a "UR", the contaminant was not detected, but the associated detection level is in strong doubt. The detection level is in doubt because results are unacceptable for a quality control indicator. In this case, the detection level cannot be estimated.

"J"

- A result followed by only a "J" qualifier means that the contaminant was detected, but there is some question that the stated concentration is exact. For example, if a result is "0.5 J", the contaminant was detected, but there is some question that the concentration is exactly 0.5. A "J" qualifier may be applied for two reasons: (1) the contaminant was detected below the reporting limit; or (2) the contaminant was detected, but one or more quality control indicators did not meet acceptance criteria. The reporting limit is equal to the concentration of the lowest standard used by the laboratory to calibrate the instrument. The reporting limit is the minimum concentration that can be stated with complete confidence.

“R”

- A result followed by only an “R” qualifier means that the contaminant was detected, but there is strong doubt that the concentration is exact. For example, if a result is “0.5 R”, the contaminant was detected, but there is strong doubt that the concentration is exactly 0.5. The concentration is in doubt because results are unacceptable for a quality control indicator. In this case, the detected concentration cannot be estimated. For comparison purposes, detected results are reported in the results letters with available Environmental Protection Agency drinking water standards. These standards include the maximum contaminant level (MCL) and various health advisories (HA). A description of the drinking water standards is provided below.

“MCL”

- The maximum contaminant level is the highest concentration of a contaminant that is allowed in drinking water. Maximum contaminant levels are enforceable Federal standards.

“HA”

- Health advisories provide estimates of acceptable drinking water concentrations for a chemical substance based on health effects information. Health advisories are not enforceable Federal standards, but serve as a technical guidance to assist Federal, State, and local officials.

Appendix C
Analytical Results on Compact Disc Summary Forms and Raw Data

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