**APPENDIX C**

# Laboratory Analytical Data Quality Evaluation

# Contents



## Tables



## Attachments

# Acronyms and Abbreviations

| | |
|---|---|
| ADR | Automated Data Review |
| COC | chain of custody |
| DL | detection limit |
| DOD | U.S. Department of Defense |
| DRO | diesel-range organics |
| EB | equipment blank |
| ELAP | Environmental Laboratory Accreditation Program |
| EPA | U.S. Environmental Protection Agency |
| FD | field duplicate |
| GRO | gasoline-range organics |
| ID | identification |
| J | analyte detected but less than the limit of quantitation (LOQ) |
| LCS | laboratory control sample |
| LOD | limit of detection |
| LOQ | limit of quantitation |
| MS | matrix spike |
| MSD | matrix spike duplicate |
| PARCC | precision, accuracy, representativeness, comparability, and completeness |
| ppm | parts per million |
| QA | quality assurance |
| QC | quality control |
| R | analyte has been rejected and is unusable for project objectives |
| RPD | relative percent difference |
| SDG | sample delivery group |
| SVOC | semivolatile organic compound |
| TA | TestAmerica Laboratories, Inc. |
| TB | trip blank |
| TPH | total petroleum hydrocarbons |
| U | non-detected result at the limit of detection (LOD) |
| UJ | estimated non-detected result at the limit of detection (LOD) |
| VOC | volatile organic compound |

# Data Quality Evaluation Report

This appendix contains the Data Quality Evaluation Report for groundwater samples collected as part of the Periodic Groundwater Monitoring Program at Fort Wingate Depot Activity, New Mexico. This report evaluates whether the analytical data obtained in the investigation are of sufficient quality and quantity to accomplish the project objectives.

## Introduction

The analytical work was conducted in accordance with the approved *2015 Final Interim Measures Facility-Wide Groundwater Monitoring Plan, Version 8, Fort Wingate Depot Activity, McKinley County, New Mexico* (Innovar Environmental, Inc., 2015).

TestAmerica Laboratories, Inc. (TA) in Arvada, Colorado, performed all analyses. After collection, samples were packed and shipped by overnight carrier to TA for analysis. The following analytical methods were used for sample analysis:

- Total petroleum hydrocarbons, diesel-range organics (TPH-DRO) by U.S. Environmental Protection Agency (EPA) Method SW8015C
- Total petroleum hydrocarbons gasoline-range organics (TPH-GRO) by EPA Method SW8015C
- Volatile organic compounds (VOCs) by EPA Method SW8260B
- Semivolatile organic compounds (SVOCs) by EPA Method SW8270D
- Organochlorine pesticides by EPA Method SW8081A
- Explosives by EPA Method SW8330B
- Total and dissolved metals by EPA Methods SW6010C and SW6020A
- Mercury by EPA Method SW7470A
- Perchlorate by EPA Method SW6860
- Nitrate and nitrite by EPA Method 9056

Eight sample delivery groups (SDGs) were evaluated for data quality. Each SDG was delivered with a Part 1 and a Part 2 file. The Part 2 file contains data for caprolactam and was delivered separately by the laboratory because TA lacks U.S. Department of Defense (DOD) Environmental Laboratory Accreditation Program (ELAP) certification for and did not want it included in a report of other compounds with applicable DOD ELAP certification. Table 1 lists the sample identifiers, collection dates, and analyses associated with the project samples. (All tables are presented at the end of this report.)

## Field Sample Collection

The fieldwork for this monitoring event was conducted between April 1, 2015, and April 10, 2015. The following data quality sample quantities/types were collected and analyzed: 63 groundwater samples, 7 field duplicate (FD) samples, and 4 planned matrix spike/matrix spike duplicates (MS/MSDs) with additional MS/MSDs included as part of the laboratory-selected quality assurance/quality control (QA/QC) process.

Other QC samples including 13 trip blanks (TBs), and 3 equipment blanks (EBs) were collected and analyzed in accordance with the Work Plan. No QA sample splits were collected during this event.

# Data Review and Validation Process

## Data Validation Definition

All analytical data from the spring 2015 sample collection were evaluated in accordance with the procedures described in the Work Plan. One hundred percent of the analytical results were validated using the Automated Data Review (ADR) software. The assessment of data included a review of the following laboratory information based on the electronic data received from the laboratory in ADR file format containing only files A1 and A3:

- Holding time
- Shipping cooler temperatures
- QC sample frequencies
- Method and field blanks
- Laboratory control samples (LCSs)
- Surrogate spikes
- MS/MSDs
- FD precision
- Case narrative review and flagging based on discussions provided

In addition, as defined in the Work Plan, 10 percent of the sample results required additional, more detailed data validation as a Stage 3 data review, which included the following:

- All aspects of the review using the ADR software
- Calibration review including initial calibration, second source checks, continuing calibration, and calibration blanks
- Internal standards review
- Instrument tune review
- Confirmation data, where applicable
- Post spikes and serial dilutions
- Limited recalculation check of results from raw data and transcription check

The Stage 3 data review was completed for SDG 67438. This SDG consists of seven groundwater samples, two TBs, two FD samples, and one MS/MSD sample. The samples were analyzed using the analytical methods identified in Table 1. The field sample numbers and corresponding laboratory numbers are presented in Table 2.

Data flags for both the ADR software and the additional Stage 3 data review were assigned using the QC acceptance limits and procedures defined in the Work Plan. Data flags and the reason for each flag were entered into an electronic database and are available to data users. Although multiple flags were routinely applied to a specific sample method/matrix/analyte combination, only one final flag was applied to the data according to the most conservative of the validation flags.

## Overall Data Validation Findings

An overall summary of qualified sample results and the reason each result was flagged are presented in Table 3.

Attachment 1 of this appendix contains multiple files for each of the nine SDGs and presents the output files from the ADR software. The file types vary for each SDG based on what type of out-of-control details were noted in each SDG. The file types define all samples within the SDG, the methods reviewed, the specifics of the data qualifiers applied, and how each sample was flagged. The electronic (PDF files) TA laboratory data are included as Attachment 2 of this appendix.

Only out-of-control conditions noted during the data validation are presented in Table 3. The sections below provide overviews of the data validation findings from the ADR software. Specific issues identified during the Stage 3 data review are also described.

## Results Detected Between the Limit of Quantitation

Analytes that were detected at concentrations greater than the detection limit (DL), but less than the limit of quantitation (LOQ), were qualified as "J" to reflect the uncertainty associated with concentrations of analytical data between the DL and the LOQ. Non-detected sample results were reported to the limit of detection (LOD).

## Holding Time

Three samples for SVOCs or explosives were reanalyzed out of hold time to confirm surrogate spike recoveries. The results reanalysis of these samples were not used for the project because the initial results showed surrogate recoveries that were not significantly out-of-control and the initial analysis may have had detections whereas the reanalysis did not. The reanalysis data are rejected.

In addition, four nitrate results, one nitrite result, and one bis 2-ethylhexyl phthalate result were qualified as estimated concentrations and flagged "J" or "UJ" for exceeding the holding time by less than twice the allowable limit.

There was one VOC sample, MW18D042015, where the sample was listed as preserved in accordance with the method upon laboratory receipt; however, the actual pH was found to be greater than 2. The sample was analyzed within the 7 days as required by the method and no flagging was required. All TPH-GRO samples were also received with a pH of greater than 2. All were analyzed within the required 7-day holding period except for MW18D042015 and TMW08042015. Both were analyzed within a preserved method holding time of 14 days. TPH-GRO for samples MW18D042015 and TMW08042015 were flagged "J" or "UJ" and are considered to be estimated concentrations.

No additional holding time exceedances were noted in the Stage 3 data review. All holding time exceedances were flagged as estimated concentrations and are usable for project objectives. Holding time-related issues are presented in Table 3 and Attachment 1.

## Shipping Temperatures, Preservation, and Sample Custody

No sample shipping temperature control issues were noted in the validation based on a review of sample chains of custody (COCs) and the documentation of sample-received conditions. All samples were delivered with a completed sample COC.

Sample preservation issues are discussed above in the Holding Time section.

In a number of instances, the COC listed a sample identification (ID) with an incorrect 2014 date suffix, and the sample label was listed with the correct 2015 date suffix. In all cases, the correct 2015 suffix was used by the laboratory.

The COC associated with SDG 67438 was not correctly relinquished on the last page by the field team. No action was taken.

There were discrepancies in the sample ID of DTW43042015. On some COC pages, the sample was incorrectly listed as DMW43042015.

Pesticide analyses were canceled for sample TMW04042015 as requested on the COC. However, no sample bottles were received with the TMW04042015 label for pesticides.

Sample TMW18D0402015 was listed on the COC but no samples bottles were received for that sample. Sample bottles were received with the ID MW18D0402015. All containers were logged in for analysis as MW18D0402015.

A sample bottle for perchlorate analysis was received for TMW40S042015 but was not listed on the COC. The sample was logged and tested for perchlorate.

The sample bottle for total metals on TMW40S042015 was received unpreserved and was preserved by the laboratory upon receipt.

Discrepancies between the sample time of collection on the bottle label and the COC were identified for a number of samples. In each case, the correct time was resolved with the field team and laboratory staff.

In a number of cases, broken bottles or bottles that were not completely full due to well recharge issues were received at the laboratory; however, in all cases enough of the sample remained to complete the work as requested. No action was taken.

No sample results were flagged due to custody or sample preservation issues.

## Sample Quality Control Frequencies

Frequency of analysis for required method QC samples completed by the laboratory is part of the review using the ADR software. The ADR software detected no issues. Also, no sample QC frequency issues were noted in the additional Stage 3 data review.

## Blank Contamination

The laboratory and field blanks were generally free of contamination at concentrations greater than one half of the LOQ. The analytes detected in blanks were generally consistent with normal laboratory and field operations and do not negatively affect the use of the data for project objectives. Qualified sample results from method blank contamination were predominantly associated with the metals antimony, manganese, selenium, silver, and thallium. However, sample results were also qualified for two SVOCs, one VOC, and nitrate. Thirty-four results were qualified in 23 samples.

Twelve qualified sample results from EB contamination were predominantly related to metals, and 8 metals were included; however, one perchlorate result was also qualified. Three samples were qualified for equipment blank contamination.

Nine acetone and four methylene chloride results were qualified due to trip blank contamination in 13 samples.

Samples affected by blank contamination were qualified as non-detected results and flagged “U.” Blank contamination-related issues are presented in Table 3 and Attachment 1.

The Stage 3 data review identified no additional blank contamination issues not previously detected by the ADR software.

## Laboratory Control Samples

Overall, the LCSs were within-control. The qualified LCS data are limited to 7 TPH-DRO results, 15 benzidine results, 11 benzaldehyde results, three 2,3,4,6-tetrachlorophenol results, and 39 hexachlorocyclopentadiene results. If an LCS was out-of-control with a high bias and the associated sample result did not detect that compound, the results were not flagged. All of the samples qualified for LCS recoveries were flagged as estimated non-detected concentrations and flagged "UJ" or estimated detected concentration "J"; however, all of the qualified benzidine results were flagged "R." Nine of the qualified hexachlorocyclopentadiene results were flagged "R." The R-flagged results are unusable for any reason. All other flagged results are usable for project objectives. Each of these compounds are considered to be poor responding compounds.

The LCS relative percent difference (RPD) was out-of-control for 9 hexachlorocyclopentadiene results and 22 benzidine results. The nine hexachlorocyclopentadiene results and seven of the benzidine results qualified for LCS RPD were flagged as estimated non-detected concentrations and flagged "UJ" estimated non-detected concentrations and are usable for project objectives. Fifteen of the benzidine results were rejected and flagged "R."

The Stage 3 data identified no LCS errors not already detected by the ADR software. LCS-related issues are presented in Table 3 and Attachment 1.

## Surrogate Spikes

Overall, surrogate spikes were within-control. The qualified samples/target data due to out-of-control surrogate spikes are associated with five pesticide samples, four VOC samples, and three explosives samples. In a small number of samples, the surrogate spike showed a high bias or was diluted out. Diluted samples were not qualified, and high-bias surrogate recoveries associated with non-detected results were also not qualified. All samples qualified for surrogate spike recoveries were flagged "J" or "UJ" as estimated concentrations and are usable for project objectives, with the exception of five explosives compounds in one sample, which were rejected. Rejected results are not usable for project objectives.

The Stage 3 data review identified no surrogate out-of-control conditions not already detected by the ADR software. Surrogate spike-related issues are presented in Table 3 and Attachment 1.

## Matrix Spike and Matrix Spike Duplicates

Overall, the MS/MSDs were within-control for both accuracy and precision. The qualified sample results due to out-of-control MS/MSDs included 244 results in all, predominantly associated with the metals aluminum, antimony, barium, calcium, iron, sodium, and zinc. Qualified sample results for SVOC compounds included 3,3-dichlorobenzidine, 3 and 4 nitroaniline, benzaldehyde, benzidine, and nitrobenzene. Other compounds with qualified results included nitrate, nitrite, perchlorate, toxaphene, and HMX. In cases where the concentrations of the parent samples were significantly greater than the spike concentrations, the recovery was not accurate and the results were not qualified. Samples were not qualified when they contained concentrations of target analytes greater than four times the spiked concentration added to the MS/MSD. Most of the qualified sample results are flagged as estimated concentrations and are usable for project objectives. Rejected results include benzidine and 3,3-dichlorobenzidine.

Out-of-control MS/MSD RPD was limited to and associated with the SVOCs benzaldehyde, benzoic acid, and hexachlorocyclopentadiene. The results were flagged as estimated non-detected concentrations.

Post-digestion spikes, serial dilutions, and interference check samples were evaluated from the case narrative notations as well as the Stage 3 data review. A review of the case narratives required the flagging of four iron results and one silver result noted under the professional judgment flags.

The Stage 3 data review identified no MS/MSD out-of-control conditions, serial dilution, or post-digestion out-of-control conditions not previously detected by the ADR software. The MS/MSD-related issues are presented in Table 3 and Attachment 1.

## Field Duplicate and Laboratory Precision

Overall, FD precision was acceptable; however, a number of results required qualification because of out-of-control precision criteria. The out-of-control FD precision was associated with 94 results for metals, VOCs, explosives, SVOCs, TPH-DRO and nitrate results in seven sample pairs. Laboratory duplicates were within-control.

Out-of-control detected results from FDs were qualified as estimated concentrations. Out-of-control precision requirements in samples are believed to be caused by sample heterogeneity or matrix interference in the analytical process.

The nitrate result from the duplicate pair DTW15042015 and TMW15042015 was of concern in that the values were widely different at 8.2 in the parent sample and 270 parts per million (ppm) in the duplicate sample. The sample data were evaluated for error but no obvious error was found. The two widely different values imply a very heterogeneous sample or a sample bottle mix-up at the laboratory or in the field. Because the location has had many years of data to show that the sample heterogeneity has not been an issue, the expected result for the location should be around 8 ppm. The duplicate result of 270 is suspect; therefore, the duplicate result of 270 has been rejected for project use and flagged "R." The next round of sample collection is expected to show the well at about 8 ppm; therefore, the historical data and the next round will support the decision to reject this result.

The Stage 3 data review identified no FD or laboratory duplicate out-of-control conditions not previously detected by the ADR software. Duplicate-related issues are presented in Table 3 and Attachment 1.

## Calibration

Initial, continuing, and second-source calibrations were reviewed as part of the Stage 3 data review on all methods and were noted to be within-control. No calibration flags were applied as part of the ADR case narrative review.

## Internal Standards

Internal standards were evaluated as part of the case narrative review for ADR and also as part of the Stage 3 data review. All internal standards were found to be within-control.

## Confirmation

When the case narrative defined the RPD for confirmation results from explosives or pesticides above 40 percent, the associated compound was flagged as an estimated result in the ADR software. Detected results were flagged "J" as estimated concentrations. Confirmation-related data flags are noted in the "Professional Judgment" column in Table 3 and clarified in the manual changes file in Attachment 1.

The Stage 3 data review identified no confirmation out-of-control conditions not previously detected by the ADR software. Confirmation-related issues are presented in Table 3 and Attachment 1.

## Professional Judgment

The professional judgment field of the ADR software and Table 3 was used to note confirmation precision data flags, as stated in the Confirmation section. It was also used to flag samples

TMW03102015 and TMW04102015 for explosives, based on the opinion of the laboratory that the sample showed evidence of matrix interference that may cause false positive or negative data. In addition, sample TMW40S042015 had obvious matrix interference impacting the surrogate recovery along with a number of compounds with out-of-control precision in the confirmation column. Therefore, these samples were flagged "J" for detected results and "UJ" for all non-detected results.

The analytical response for TPH-GRO in sample MW18D042015 was based on the presence of discrete peaks. The sample was flagged as an estimated concentration of "J."

The Stage 3 data review identified no conditions not previously detected by the ADR software. Professional judgment-related issues are presented in Table 3 and Attachment 1.

## Calculation Verification

A limited recalculation check of results from the raw data was completed for all methods as part of the Stage 3 data review. No errors were identified.

# Summary of Precision, Accuracy, Representativeness, Comparability, and Completeness

The quality of the field sampling efforts and laboratory results were evaluated for compliance with project data quality objectives through a review of overall precision, accuracy, representativeness, comparability, and completeness (PARCC). Procedures used to assess PARCC are in accordance with the respective analytical methods and the Work Plan requirements.

## Precision

Overall, matrix precision from MS/MSDs was within control. Matrix precision was also evaluated through the results of FDs and laboratory duplicates. Laboratory duplicates were within control. Although there were some out-of-control results from each FD pair collected, overall, few results were out-of-control, and the results of the FDs indicate that the field team adequately collected representative samples and that the laboratory was capable of evaluating the matrix consistently.

Laboratory precision is acceptable as shown by the repeated overall within-control performance (accuracy) of the LCSs.

All results qualified from out-of-control precision were qualified as estimated concentrations. The methods and matrix precision are acceptable.

## Accuracy

Overall, matrix accuracy from the MS/MSDs and surrogate spikes was acceptable. The accuracy of LCSs was predominantly within-control. A significant number of hexachlorocyclopentadiene results may have a low bias based on the out-of-control LCS recoveries. Calibrations were in control except for a limited number of high-bias sodium results; therefore, the laboratory and matrix-related accuracy is acceptable.

The results qualified from out-of-control accuracy are considered estimated concentrations.

## Representativeness

The sample data were representative of the site conditions at the time of sample collection. All samples were properly stored and preserved. Holding time error was not significant, and the estimated sample results are usable for project objectives. The results of field and laboratory blanks were generally at concentrations less than one half of the LOQs. Overall, blank contamination was indicative of normal laboratory and field sampling operations.

## Comparability

All samples were reported in industry-standard units. Analytical protocols for the methods were followed. Results obtained are comparable to industry standards in that collection and analytical techniques followed approved and documented procedures.

## Completeness

Overall, the completeness objective of 95 percent for water samples was met. The exceptions were 46 rejected results overall. A majority of the unusable data is the result of LCS and/or MS/MSD failure for poor responding compounds as discussed in the LCS and MS/MSD sections. One explosives sample had limited compound rejected due to surrogate recovery failures. Individually, the rejected compounds may not meet the 95 percent completeness goal. However, given the long-term collection plan for the project and the large amount of historical data available, the unusable data are not expected to present a data gap.

# Conclusions

The data generated from groundwater sample analyses are of sufficient quality and quantity to accomplish the project objectives. The sample results accurately indicate the presence and/or absence of target analyte contamination at the sampled locations. All samples were collected and analyzed as specified in the Work Plan.

The sample results are believed to be representative of the site conditions at the time of collection. Results obtained are comparable to industry standards, in that collection and analytical techniques followed approved and documented procedures. All results were reported in industry-standard units. Although blank contamination occurred, the concentrations were generally below one half of the LOQ and representative of normal laboratory procedures. In cases of elevated LOQs, LODs, and/or DLs due to matrix interference and/or high target analyte concentrations, the results obtained for the associated samples/analyses reflect the best achievable data for the site-specific conditions.

# References

Innovar Environmental, Inc., 2015. *2015 Interim Measures Facility-Wide Groundwater Monitoring Plan, Version 8, Fort Wingate Depot Activity, McKinley County, New Mexico*. Final. Prepared for the U.S. Army Corps of Engineers, Albuquerque District. March 6.

**Table 1**
**Sample Chronology, Data Summary**
*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample Name | Date Collected | Sample Type | 6010C | 6020A | 6860 | 7470A | 8015C DRO | 8015C GRO | 8081A | 8260B | 8270D | 8330B | 9056 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BGMW01042015 | 02-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| BGMW02042015 | 02-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| BGMW02042015MS | 02-Apr-15 | MS | X | X | X | X | | | X | X | X | X | X |
| BGMW02042015MSD | 02-Apr-15 | MSD | X | X | X | X | | | X | X | X | X | X |
| BGMW03042015 | 01-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| DMW23042015 | 07-Apr-15 | FD | X | X | X | X | | | X | X | X | X | X |
| DMW24042015 | 06-Apr-15 | FD | X | X | X | X | | | X | X | X | X | X |
| DTW15042015 | 08-Apr-15 | FD | X | X | X | X | | | | X | X | X | X |
| DTW26042015 | 07-Apr-15 | FD | X | X | X | X | | | | X | | X | X |
| DTW34042015 | 03-Apr-15 | FD | X | X | X | X | X | X | | X | | | X |
| DTW39D042015 | 06-Apr-15 | FD | X | X | X | X | | | X | X | X | X | X |
| DTW43042015 | 10-Apr-15 | FD | X | X | X | X | | | X | X | X | X | X |
| FW31042015 | 01-Apr-15 | | X | X | | X | | | X | X | X | X | X |
| FW31042015MS | 01-Apr-15 | MS | X | | | | | | | | | | |
| FW31042015MSD | 01-Apr-15 | MSD | X | | | | | | | | | | |
| FW35042015 | 01-Apr-15 | | | | | | | | | X | X | X | |
| FW35042015 | 02-Apr-15 | | X | X | | X | | | | | | | X |
| FW35042015MS | 02-Apr-15 | MS | | | | | | | | | | | X |
| FW35042015MSD | 02-Apr-15 | MSD | | | | | | | | | | | X |
| MW01042015 | 01-Apr-15 | | X | X | X | X | X | X | X | X | | X | X |
| MW02042015 | 01-Apr-15 | | X | X | | X | X | X | X | X | | X | X |
| MW02042015 | 02-Apr-15 | | | | X | | | | | | | | |
| MW03042015 | 03-Apr-15 | | X | X | X | X | X | X | | X | | X | X |
| MW03042015MS | 03-Apr-15 | MS | | | | | | | | | | | X |
| MW03042015MSD | 03-Apr-15 | MSD | | | | | | | | | | | X |
| MW18D042015 | 08-Apr-15 | | X | X | X | X | X | X | | X | | X | X |
| MW20042015 | 03-Apr-15 | | X | X | X | X | X | X | X | X | X | X | X |
| MW22D042015 | 06-Apr-15 | | X | X | X | X | X | X | X | X | X | X | X |
| MW22D042015MS | 06-Apr-15 | MS | X | X | X | X | X | X | X | X | X | X | X |
| MW22D042015MSD | 06-Apr-15 | MSD | X | X | X | X | X | X | X | X | X | X | X |
| MW22S042015 | 01-Apr-15 | | | | | | | X | | | | X | X |
| MW22S042015 | 02-Apr-15 | | | | X | | | | | X | X | | |
| MW22S042015 | 03-Apr-15 | | | | | | | | X | | | | |
| MW22S042015 | 06-Apr-15 | | X | X | | X | X | | | | | | |
| MW22S042015 | 08-Apr-15 | | X | X | | X | | | | | | | |
| MW23042015 | 07-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| MW23042015MS | 07-Apr-15 | MS | X | X | X | X | | | X | X | X | X | X |
| MW23042015MSD | 07-Apr-15 | MSD | X | X | X | X | | | X | X | X | X | X |
| MW24042015 | 06-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| SMW01042015 | 08-Apr-15 | | X | X | X | X | | | | X | X | X | X |
| TMW01042015 | 07-Apr-15 | | X | X | X | X | | | | X | | X | X |
| TMW02042015 | 09-Apr-15 | | X | X | X | X | | | | X | | X | X |
| TMW03042015 | 09-Apr-15 | | X | X | X | X | | | | X | | X | X |
| TMW04042015 | 09-Apr-15 | | X | X | X | X | | | | X | X | X | X |
| TMW06042015 | 09-Apr-15 | | X | X | | X | | | | X | X | X | X |
| TMW07042015 | 01-Apr-15 | | X | X | | X | | | | X | X | X | X |
| TMW08042015 | 08-Apr-15 | | X | X | X | X | X | X | X | X | | | X |
| TMW10042015 | 07-Apr-15 | | X | X | X | X | | | | X | | X | X |
| TMW11042015 | 08-Apr-15 | | X | X | X | X | | | | X | | X | X |
| TMW11042015MS | 08-Apr-15 | MS | | X | | | | | | | | | |
| TMW11042015MSD | 08-Apr-15 | MSD | | X | | | | | | | | | |
| TMW13042015 | 09-Apr-15 | | X | X | X | X | | | | X | | | X |
| TMW14A042015 | 08-Apr-15 | | X | X | | X | | | | X | X | X | X |
| TMW14A042015MS | 08-Apr-15 | MS | X | | | | | | | | | | X |
| TMW14A042015MSD | 08-Apr-15 | MSD | X | | | | | | | | | | X |
| TMW15042015 | 08-Apr-15 | | X | X | X | X | | | | X | X | X | X |
| TMW16042015 | 01-Apr-15 | | X | X | X | X | | | | X | X | X | |
| TMW17042015 | 07-Apr-15 | | X | X | X | X | | | | X | | | X |
| TMW18042015 | 01-Apr-15 | | X | X | X | X | | | | X | X | X | X |
| TMW19042015 | 01-Apr-15 | | X | X | X | X | | | | X | X | X | |
| TMW21042015 | 03-Apr-15 | | X | X | X | X | | | | X | | X | X |

**Table 1**
**Sample Chronology, Data Summary**
*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample Name | Date Collected | Sample Type | 6010C | 6020A | 6860 | 7470A | 8015C DRO | 8015C GRO | 8081A | 8260B | 8270D | 8330B | 9056 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TMW21042015MS | 03-Apr-15 | MS | X | | | | | | | | | | |
| TMW21042015MSD | 03-Apr-15 | MSD | X | | | | | | | | | | |
| TMW22042015 | 01-Apr-15 | | X | X | X | X | | | | X | X | X | X |
| TMW22042015MS | 01-Apr-15 | MS | | | | X | | | | | | | |
| TMW22042015MSD | 01-Apr-15 | MSD | | | | X | | | | | | | |
| TMW23042015 | 01-Apr-15 | | X | X | X | X | | | X | X | | X | X |
| TMW24042015 | 08-Apr-15 | | X | X | X | X | | | X | X | | X | X |
| TMW25042015 | 07-Apr-15 | | X | X | | X | | | | X | | X | X |
| TMW26042015 | 07-Apr-15 | | X | X | X | X | | | | X | | X | X |
| TMW27042015 | 07-Apr-15 | | X | X | X | X | | | | X | | | |
| TMW28042015 | 07-Apr-15 | | X | X | | X | | | | X | | | |
| TMW29042015 | 03-Apr-15 | | X | X | X | X | | | | X | | X | X |
| TMW29042015MS | 03-Apr-15 | MS | | X | | | | | | | | | |
| TMW29042015MSD | 03-Apr-15 | MSD | | X | | | | | | | | | |
| TMW30042015 | 01-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW30042015MS | 01-Apr-15 | MS | | | | | | | | | | | X |
| TMW30042015MSD | 01-Apr-15 | MSD | | | | | | | | | | | X |
| TMW31D042015 | 06-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW31S042015 | 02-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW32042015 | 09-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW33042015 | 02-Apr-15 | | X | X | | X | X | X | | X | X | | X |
| TMW34042015 | 03-Apr-15 | | X | X | X | X | X | X | | X | | | X |
| TMW35042015 | 03-Apr-15 | | X | X | X | X | X | X | X | X | X | | X |
| TMW35042015MS | 03-Apr-15 | MS | | | X | X | | | | | | | |
| TMW35042015MSD | 03-Apr-15 | MSD | | | X | X | | | | | | | |
| TMW36042015 | 01-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW37042015 | 01-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW38042015 | 08-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW39D042015 | 06-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW39S042015 | 01-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW40D042015 | 09-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW40D042015MS | 09-Apr-15 | MS | | X | | | | | | | | | |
| TMW40D042015MSD | 09-Apr-15 | MSD | | X | | | | | | | | | |
| TMW40S042015 | 01-Apr-15 | | X | X | | X | | | | | X | | |
| TMW40S042015 | 02-Apr-15 | | X | X | X | X | | | | X | | X | |
| TMW40S042015 | 03-Apr-15 | | | | | | | | X | | | | |
| TMW40S042015 | 06-Apr-15 | | | | | | | | | | | | X |
| TMW41042015 | 01-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW41042015MS | 01-Apr-15 | MS | | X | | | | | | | | | |
| TMW41042015MSD | 01-Apr-15 | MSD | | X | | | | | | | | | |
| TMW43042015 | 10-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW43042015MS | 10-Apr-15 | MS | X | X | X | X | | | X | X | X | X | X |
| TMW43042015MSD | 10-Apr-15 | MSD | X | X | X | X | | | X | X | X | X | X |
| TMW44042015 | 01-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW45042015 | 09-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW46042015 | 02-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW47042015 | 10-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW48042015 | 06-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW49042015 | 09-Apr-15 | | X | X | X | X | | | X | X | X | X | X |
| TMW49042015MS | 09-Apr-15 | MS | X | | | | | | | | | | |
| TMW49042015MSD | 09-Apr-15 | MSD | X | | | | | | | | | | |

Notes:
DRO = diesel range organics
FD = field duplicate
GRO = gasoline range organics
MS = matrix spike
MSD = matrix spike duplicate

**Table 2**

**Laboratory and Field Sample Identifiers for Stage 3 Data Review**

*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Field Sample ID | Laboratroy Sample ID |
|---|---|
| DMW24042015 | 280-67438-8 |
| DTW39D042015 | 280-67438-4 |
| MW22D042015 | 280-67438-9 |
| MW22D042015MS | 280-67438-9MS |
| MW22D042015MSD | 280-67438-9MSD |
| MW22S042015 | 280-67438-10 |
| MW24042015 | 280-67438-7 |
| TB-04-042015 | 280-67438-5 |
| TB-43-042015 | 280-67438-6 |
| TMW31D042015 | 280-67438-1 |
| TMW39D042015 | 280-67438-2 |
| TMW40S042015 | 280-67438-11 |
| TMW48042015 | 280-67438-3 |

Notes:
D = duplicate
ID = identification
MS = matrix spike
MSD = matrix spike duplicate
TB = trip blank

**Table 3**
**Summary of Data Qualifications by Reason**
*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BGMW01042015 | 6010C | ALUMINUM | 280-67316-7 | Total | | | | | | | | U | | | |
| BGMW01042015 | 6010C | CALCIUM | 280-67316-7 | Dissolved | | | | J | | | | | | | |
| BGMW01042015 | 6010C | IRON | 280-67316-7 | Total | | | | | | | | U | | | |
| BGMW01042015 | 6020A | COPPER | 280-67316-7 | Total | | | | | | | | U | | | |
| BGMW01042015 | 6020A | NICKEL | 280-67316-7 | Total | | | | | | | | U | | | |
| BGMW01042015 | 8270D | BENZIDINE | 280-67316-7 | | | | | R | | | | | | | |
| BGMW01042015 | 8270D | BENZOIC ACID | 280-67316-7 | | | | | | UJ | | | | | | |
| BGMW01042015 | 8270D | DIMETHYL PHTHALATE | 280-67316-7 | | | U | | | | | | | | | |
| BGMW01042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67316-7 | | | | | | | R | | | | | |
| BGMW02042015 | 6010C | CALCIUM | 280-67316-8 | Dissolved | | | | J | | | | | | | |
| BGMW02042015 | 6020A | THALLIUM | 280-67316-8 | Total | | U | | | | | | | | | |
| BGMW02042015 | 8270D | BENZIDINE | 280-67316-8 | | | | | R | | | | | | | |
| BGMW02042015 | 8270D | BENZOIC ACID | 280-67316-8 | | | | | | UJ | | | | | | |
| BGMW02042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67316-8 | | | | | | | R | | | | | |
| BGMW02042015 | 9056 | NITRATE | 280-67316-8 | Total | | | | J | | | | | | | |
| BGMW03042015 | 6010C | ALUMINUM | 280-67267-9 | Total | | | | J | | | | | | | |
| BGMW03042015 | 6010C | IRON | 280-67267-9 | Dissolved | | | | | | | | | | | UJ |
| BGMW03042015 | 8270D | BENZIDINE | 280-67267-9 | | | | | | | R | UJ | | | | |
| BGMW03042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-9 | | | | | | | UJ | | | | | |
| DMW23042015 | 6010C | ALUMINUM | 280-67484-6 | Dissolved | | | | | | | | | | J | |
| DMW23042015 | 6010C | ALUMINUM | 280-67484-6 | Total | | | | J | | | | | | | |
| DMW23042015 | 6010C | IRON | 280-67484-6 | Dissolved | | | | | | | | | | J | |
| DMW23042015 | 6010C | SODIUM | 280-67484-6 | Dissolved | | | | J | | | | | | | |
| DMW23042015 | 6020A | SELENIUM | 280-67484-6 | Dissolved | | | | | | | | | | UJ | |
| DMW23042015 | 6020A | SILVER | 280-67484-6 | Dissolved | | | | | | | | | | J | |
| DMW23042015 | 6020A | THALLIUM | 280-67484-6 | Dissolved | | | | | | | | | | J | |
| DMW23042015 | 6020A | ZINC | 280-67484-6 | Dissolved | | | | | | | | | | UJ | |
| DMW23042015 | 8081A | TOXAPHENE | 280-67484-6 | | | | | UJ | | | | | | | |
| DMW23042015 | 8270D | 1,2,4,5-TETRACHLOROBENZENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 1,2,4-TRICHLOROBENZENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 1,2,4-TRICHLOROBENZENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | 1,2-DICHLOROBENZENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 1,2-DICHLOROBENZENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | 1,2-DIPHENYLHYDRAZINE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 1,2-DIPHENYLHYDRAZINE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | 1,3-DICHLOROBENZENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 1,3-DICHLOROBENZENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | 1,4-DICHLOROBENZENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 1,4-DICHLOROBENZENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | 2,3,4,6-TETRACHLOROPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2,4,5-TRICHLOROPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2,4,6-TRICHLOROPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2,4,6-TRICHLOROPHENOL | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | 2,4-DICHLOROPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2,4-DIMETHYLPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2,4-DINITROPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2,4-DINITROTOLUENE | 280-67484-6 | | R | | | | | | | | | | |

**Table 3**
**Summary of Data Qualifications by Reason**
*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DMW23042015 | 8270D | 2,6-DICHLOROPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2,6-DINITROTOLUENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2-CHLORONAPHTHALENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2-CHLORONAPHTHALENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | 2-CHLOROPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2-METHYLNAPHTHALENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2-METHYLNAPHTHALENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | 2-METHYLPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2-NITROANILINE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 2-NITROPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67484-6 | | | | | UJ | | | | | | | |
| DMW23042015 | 8270D | 3-NITROANILINE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 4,6-DINITRO-2-METHYLPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 4-BROMOPHENYL-PHENYLETHER | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 4-CHLORO-3-METHYLPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 4-CHLOROANILINE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 4-CHLOROPHENYL-PHENYLETHER | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 4-NITROANILINE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | 4-NITROPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | ACENAPHTHENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | ACENAPHTHENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | ACENAPHTHENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | ACENAPHTHENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | ACENAPHTHYLENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | ACETOPHENONE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | ACETOPHENONE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | ANTHRACENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BENZALDEHYDE | 280-67484-6 | | R | | | | | UJ | | | | | |
| DMW23042015 | 8270D | BENZALDEHYDE | 280-67484-6 | | | | | UJ | UJ | | | | | | |
| DMW23042015 | 8270D | BENZIDINE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BENZIDINE | 280-67484-6 | | | | | UJ | | | | | | | |
| DMW23042015 | 8270D | BENZO(A)ANTHRACENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BENZO(A)PYRENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BENZO(B)FLUORANTHENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BENZO(G,H,I)PERYLENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BENZO(K)FLUORANTHENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BENZOIC ACID | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BENZYL ALCOHOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BENZYL ALCOHOL | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | BIS(2-CHLOROETHOXY)METHANE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BIS(2-CHLOROETHYL) ETHER | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BIS(2-CHLOROISOPROPYL)ETHER | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | BIS(2-CHLOROISOPROPYL)ETHER | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | BIS(2-ETHYLHEXYL) PHTHALATE | 280-67484-6 | | J | | | | | | | | | | |
| DMW23042015 | 8270D | BIS(2-ETHYLHEXYL) PHTHALATE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | Butyl Benzyl Phthlate | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | CARBAZOLE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | CHRYSENE | 280-67484-6 | | R | | | | | | | | | | |

**Table 3**
**Summary of Data Qualifications by Reason**
*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DMW23042015 | 8270D | DIBENZ(A,H)ANTHRACENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | DIBENZOFURAN | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | DIBENZOFURAN | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | DIETHYL PHTHALATE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | DIETHYL PHTHALATE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | DIMETHYL PHTHALATE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | DI-N-BUTYL PHTHALATE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | DI-N-OCTYL PHTHALATE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | FLUORANTHENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | FLUORANTHENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | FLUORENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | FLUORENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | HEXACHLOROBENZENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | HEXACHLOROBUTADIENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67484-6 | | R | | | | | UJ | | | | | |
| DMW23042015 | 8270D | HEXACHLOROETHANE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | INDENO(1,2,3-CD)PYRENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | ISOPHORONE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | M,P-Cresol | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | M,P-Cresol | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | NAPHTHALENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | NAPHTHALENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | NAPHTHALENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | NAPHTHALENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | NITROBENZENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | N-NITROSODIMETHYLAMINE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | N-NITROSODIMETHYLAMINE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | N-NITROSO-DI-N-PROPYLAMINE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | N-NITROSODIPHENYLAMINE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | N-NITROSODIPHENYLAMINE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | PENTACHLOROPHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | PHENANTHRENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | PHENANTHRENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 8270D | PHENOL | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8270D | PYRENE | 280-67484-6 | | R | | | | | | | | | | |
| DMW23042015 | 8330B | 2-NITROTOLUENE | 280-67484-6 | | | | | | | | | | | J | |
| DMW23042015 | 9056 | NITRITE | 280-67484-6 | Total | UJ | | | | | | | | | | |
| DMW24042015 | 6020A | VANADIUM | 280-67438-8 | Dissolved | | | | | | | | | | UJ | |
| DMW24042015 | 6020A | VANADIUM | 280-67438-8 | Total | | | | | | | | | | | |
| DMW24042015 | 6020A | ZINC | 280-67438-8 | Dissolved | | | | UJ | | | | | | UJ | |
| DMW24042015 | 8081A | TOXAPHENE | 280-67438-8 | | | | | UJ | | | | | | | |
| DMW24042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67438-8 | | | | | R | | | | | | | |
| DMW24042015 | 8270D | 3-NITROANILINE | 280-67438-8 | | | | | UJ | | | | | | | |
| DMW24042015 | 8270D | 4-NITROANILINE | 280-67438-8 | | | | | UJ | | | | | | | |
| DMW24042015 | 8270D | BENZALDEHYDE | 280-67438-8 | | | | | UJ | | | | | | | |
| DMW24042015 | 8270D | BENZIDINE | 280-67438-8 | | | | | R | | | | | | | |
| DMW24042015 | 9056 | NITRITE | 280-67438-8 | Total | | | | UJ | | | | | | | |
| DTW15042015 | 6010C | IRON | 280-67561-8 | Dissolved | | | | | | | | | | J | |
| DTW15042015 | 8260B | DIBROMOFLUOROMETHANE | 280-67561-8 | | | | J | | | | | | | | |

**Table 3**
**Summary of Data Qualifications by Reason**
*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DTW15042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67561-8 | | | | | | | UJ | | | | | |
| DTW15042015 | 9056 | NITRATE | 280-67561-8 | Total | | | | | | | | | | R | |
| DTW26042015 | 6010C | ALUMINUM | 280-67484-7 | Total | | | | J | | | | | | | |
| DTW26042015 | 6010C | SODIUM | 280-67484-7 | Dissolved | | | | J | | | | | | | |
| DTW26042015 | 6020A | ZINC | 280-67484-7 | Dissolved | | | | | | | | | | J | |
| DTW34042015 | 6020A | ANTIMONY | 280-67366-5 | Total | | | | UJ | | | | | | | |
| DTW34042015 | 6020A | LEAD | 280-67366-5 | Total | | | | | | | | | | J | |
| DTW34042015 | 6020A | THALLIUM | 280-67366-5 | Total | | | | | | | | | | UJ | |
| DTW34042015 | 6860 | PERCHLORATE | 280-67366-5 | | | | | J | | | | | | | |
| DTW34042015 | 8015C DRO | DIESEL RANGE ORGANICS | 280-67366-5 | | | | | | | J | | | | J | |
| DTW34042015 | 8260B | ACETONE | 280-67366-5 | | | | | | | | | | | J | |
| DTW39D042015 | 6010C | ALUMINUM | 280-67438-4 | Dissolved | | | | | | | | | | J | |
| DTW39D042015 | 6010C | IRON | 280-67438-4 | Dissolved | | | | | | | | | | J | |
| DTW39D042015 | 6020A | ANTIMONY | 280-67438-4 | Dissolved | | | | | | | | | | UJ | |
| DTW39D042015 | 6020A | ARSENIC | 280-67438-4 | Dissolved | | | | | | | | | | UJ | |
| DTW39D042015 | 6020A | ZINC | 280-67438-4 | Dissolved | | | | J | | | | | | J | |
| DTW39D042015 | 6860 | PERCHLORATE | 280-67438-4 | | | | | J | | | | | | | |
| DTW39D042015 | 8081A | TOXAPHENE | 280-67438-4 | | | | | UJ | | | | | | | |
| DTW39D042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67438-4 | | | | | R | | | | | | | |
| DTW39D042015 | 8270D | 3-NITROANILINE | 280-67438-4 | | | | | UJ | | | | | | | |
| DTW39D042015 | 8270D | 4-NITROANILINE | 280-67438-4 | | | | | UJ | | | | | | | |
| DTW39D042015 | 8270D | BENZALDEHYDE | 280-67438-4 | | | | | UJ | | | | | | | |
| DTW39D042015 | 8270D | 4-NITROANILINE | 280-67438-4 | | | | | UJ | | | | | | | |
| DTW39D042015 | 8270D | BENZALDEHYDE | 280-67438-4 | | | | | UJ | | | | | | | |
| DTW39D042015 | 8270D | BENZIDINE | 280-67438-4 | | | | | R | | | | | | | |
| DTW39D042015 | 9056 | NITRITE | 280-67438-4 | Total | | | | UJ | | | | | | | |
| DTW43042015 | 6010C | ALUMINUM | 280-67711-2 | Total | | | | J | | | | | | | |
| DTW43042015 | 6020A | BERYLLIUM | 280-67711-2 | Dissolved | | | | | | | | | | J | |
| DTW43042015 | 6020A | SILVER | 280-67711-2 | Dissolved | | | | | | | | | | J | |
| DTW43042015 | 6020A | THALLIUM | 280-67711-2 | Dissolved | | | | | | | | | | J | |
| DTW43042015 | 8081A | TOXAPHENE | 280-67711-2 | | | | | UJ | | | | | | | |
| DTW43042015 | 8260B | METHYLENE CHLORIDE | 280-67711-2 | | | U | | | | | | | U | | |
| DTW43042015 | 8270D | 2,3,4,6-TETRACHLOROPHENOL | 280-67711-2 | | | | | | | UJ | | | | | |
| DTW43042015 | 8270D | BENZALDEHYDE | 280-67711-2 | | | | | UJ | | UJ | | | | | |
| DTW43042015 | 8270D | BENZIDINE | 280-67711-2 | | | | | UJ | | | | | | | |
| DTW43042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67711-2 | | | | | | UJ | UJ | | | | | |
| DTW43042015 | 8330B | Octahydro-1,3,5,7-tetranitro- | 280-67711-2 | | | | | | | | | | | J | |
| FW31042015 | 6010C | ALUMINUM | 280-67267-2 | Total | | | | J | | | | | | | |
| FW31042015 | 6010C | IRON | 280-67267-2 | Total | | | | | | | | U | | | |
| FW31042015 | 6020A | CHROMIUM | 280-67267-2 | Total | | | | | | | | U | | | |
| FW31042015 | 6020A | LEAD | 280-67267-2 | Total | | | | | | | | U | | | |
| FW31042015 | 6020A | MANGANESE | 280-67267-2 | Dissolved | | | | | | | | U | | | |
| FW31042015 | 6020A | NICKEL | 280-67267-2 | Total | | | | | | | | U | | | |
| FW31042015 | 6020A | ZINC | 280-67267-2 | Total | | | | | | | | U | | | |
| FW31042015 | 8270D | BENZIDINE | 280-67267-2 | | | | | | | R | UJ | | | | |
| FW31042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-2 | | | | | | | UJ | | | | | |
| FW35042015 | 6010C | CALCIUM | 280-67316-14 | Dissolved | | | | J | | | | | | | |
| FW35042015 | 6020A | THALLIUM | 280-67316-14 | Total | | U | | | | | | | | | |
| FW35042015 | 8270D | BENZIDINE | 280-67267-20 | | | | | | | R | UJ | | | | |

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| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FW35042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-20 | | | | | | | UJ | | | | | |
| MW01042015 | 6010C | ALUMINUM | 280-67267-10 | Total | | | | J | | | | | | | |
| MW02042015 | 6010C | ALUMINUM | 280-67267-12 | Total | | | | J | | | | | | | |
| MW02042015 | 8330B | 2-NITROTOLUENE | 280-67267-12 | | | | | | | | | | | | J |
| MW03042015 | 6010C | IRON | 280-67366-8 | Total | | | | J | | | | | | | |
| MW03042015 | 6020A | ANTIMONY | 280-67366-8 | Total | | | | UJ | | | | | | | |
| MW03042015 | 6860 | PERCHLORATE | 280-67366-8 | | | | | J | | | | | | | |
| MW03042015 | 8015C DRO | DIESEL RANGE ORGANICS | 280-67366-8 | | | | | | | J | | | | | |
| MW18D042015 | 6020A | ANTIMONY | 280-67561-5 | Total | | U | | | | | | | | | |
| MW18D042015 | 6020A | THALLIUM | 280-67561-5 | Dissolved | | U | | | | | | | | | |
| MW18D042015 | 6020A | THALLIUM | 280-67561-5 | Total | | U | | | | | | | | | |
| MW18D042015 | 8015C GRO | GASOLINE RANGE ORGANICS | 280-67561-5 | | J | | | | | | | | | | J |
| MW18D042015 | 9056 | NITRATE | 280-67561-5 | Total | | U | | | | | | | | | |
| MW20042015 | 6010C | IRON | 280-67366-6 | Total | | | | J | | | | | | | |
| MW20042015 | 6020A | ANTIMONY | 280-67366-6 | Total | | | | UJ | | | | | | | |
| MW20042015 | 6860 | PERCHLORATE | 280-67366-6 | | | | | J | | | | | | | |
| MW20042015 | 8015C DRO | DIESEL RANGE ORGANICS | 280-67366-6 | | | | | | | J | | | | | |
| MW20042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67366-6 | | | | | | | UJ | UJ | | | | |
| MW22D042015 | 6020A | THALLIUM | 280-67438-9 | Total | | U | | | | | | | | | |
| MW22D042015 | 6020A | ZINC | 280-67438-9 | Dissolved | | | | J | | | | | | | |
| MW22D042015 | 6860 | PERCHLORATE | 280-67438-9 | | | | | J | | | | | | | |
| MW22D042015 | 8081A | TOXAPHENE | 280-67438-9 | | | | | UJ | | | | | | | |
| MW22D042015 | 6860 | PERCHLORATE | 280-67438-9 | | | | | J | | | | | | | |
| MW22D042015 | 8081A | TOXAPHENE | 280-67438-9 | | | | | UJ | | | | | | | |
| MW22D042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67438-9 | | | | | R | | | | | | | |
| MW22D042015 | 8270D | 3-NITROANILINE | 280-67438-9 | | | | | UJ | | | | | | | |
| MW22D042015 | 8270D | 4-NITROANILINE | 280-67438-9 | | | | | UJ | | | | | | | |
| MW22D042015 | 8270D | BENZALDEHYDE | 280-67438-9 | | | | | UJ | | | | | | | |
| MW22D042015 | 8270D | BENZIDINE | 280-67438-9 | | | | | R | | | | | | | |
| MW22D042015 | 9056 | NITRITE | 280-67438-9 | Total | | | | UJ | | | | | | | |
| MW22S042015 | 6020A | THALLIUM | 280-67438-10 | Total | | U | | | | | | | | | |
| MW22S042015 | 6020A | THALLIUM | 280-67561-6 | Dissolved | | U | | | | | | | | | |
| MW22S042015 | 8081A | 4,4'-DDD | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | 4,4'-DDE | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | 4,4'-DDT | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | ALDRIN | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | ALPHA-BHC | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | ALPHA-CHLORDANE | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | BETA-BHC | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | DELTA-BHC | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | DIELDRIN | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | ENDOSULFAN I | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | ENDOSULFAN II | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | ENDOSULFAN SULFATE | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | ENDRIN | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | ENDRIN ALDEHYDE | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | ENDRIN KETONE | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | GAMMA-BHC | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | GAMMA-CHLORDANE | 280-67366-10 | | | | UJ | | | | | | | | |

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| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW22S042015 | 8081A | HEPTACHLOR | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | HEPTACHLOR EPOXIDE | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | METHOXYCHLOR | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8081A | TOXAPHENE | 280-67366-10 | | | | UJ | | | | | | | | |
| MW22S042015 | 8270D | BENZIDINE | 280-67316-5 | | | | | R | | | | | | | |
| MW22S042015 | 8270D | BENZOIC ACID | 280-67316-5 | | | | | | UJ | | | | | | |
| MW22S042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67316-5 | | | | | | | R | | | | | |
| MW22S042015 | 9056 | NITRATE | 280-67267-11 | Total | J | | | | | | | | | | |
| MW23042015 | 6010C | ALUMINUM | 280-67484-5 | Dissolved | | | | | | | | | | UJ | |
| MW23042015 | 6010C | ALUMINUM | 280-67484-5 | Total | | | | J | | | | | | | |
| MW23042015 | 6010C | IRON | 280-67484-5 | Dissolved | | | | | | | | | | UJ | |
| MW23042015 | 6010C | SODIUM | 280-67484-5 | Dissolved | | | | J | | | | | | | |
| MW23042015 | 6020A | SELENIUM | 280-67484-5 | Dissolved | | U | | | | | | | | J | |
| MW23042015 | 6020A | SILVER | 280-67484-5 | Dissolved | | | | | | | | | | UJ | |
| MW23042015 | 6020A | THALLIUM | 280-67484-5 | Dissolved | | | | | | | | | | UJ | |
| MW23042015 | 6020A | ZINC | 280-67484-5 | Dissolved | | | | | | | | | | J | |
| MW23042015 | 8081A | TOXAPHENE | 280-67484-5 | | | | | UJ | | | | | | | |
| MW23042015 | 8270D | 1,2,4-TRICHLOROBENZENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | 1,2-DICHLOROBENZENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | 1,2-DIPHENYLHYDRAZINE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | 1,3-DICHLOROBENZENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | 1,4-DICHLOROBENZENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | 2,4,6-TRICHLOROPHENOL | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | 2-CHLORONAPHTHALENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | 2-METHYLNAPHTHALENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67484-5 | | | | | UJ | | | | | | | |
| MW23042015 | 8270D | ACENAPHTHENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | ACETOPHENONE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | BENZALDEHYDE | 280-67484-5 | | | | | UJ | UJ | | | | | | |
| MW23042015 | 8270D | BENZIDINE | 280-67484-5 | | | | | UJ | | | | | | | |
| MW23042015 | 8270D | BENZYL ALCOHOL | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | BIS(2-CHLOROISOPROPYL)ETHER | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | BIS(2-ETHYLHEXYL) PHTHALATE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | DIBENZOFURAN | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | DIETHYL PHTHALATE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | FLUORANTHENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | FLUORENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | M,P-Cresol | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | NAPHTHALENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | N-NITROSODIMETHYLAMINE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | N-NITROSODIPHENYLAMINE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8270D | PHENANTHRENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW23042015 | 8330B | 2-NITROTOLUENE | 280-67484-5 | | | | | | | | | | | UJ | |
| MW24042015 | 6020A | VANADIUM | 280-67438-7 | Dissolved | | | | | | | | | | J | |
| MW24042015 | 6020A | ZINC | 280-67438-7 | Dissolved | | | | J | | | | | | J | |
| MW24042015 | 8081A | TOXAPHENE | 280-67438-7 | | | | | UJ | | | | | | | |
| MW24042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67438-7 | | | | | R | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW24042015 | 8270D | 3-NITROANILINE | 280-67438-7 | | | | | UJ | | | | | | | |
| MW24042015 | 8270D | 4-NITROANILINE | 280-67438-7 | | | | | UJ | | | | | | | |
| MW24042015 | 8270D | BENZALDEHYDE | 280-67438-7 | | | | | UJ | | | | | | | |
| MW24042015 | 8270D | BENZIDINE | 280-67438-7 | | | | | R | | | | | | | |
| MW24042015 | 9056 | NITRITE | 280-67438-7 | Total | | | | UJ | | | | | | | |
| SMW01042015 | 8260B | DIBROMOFLUOROMETHANE | 280-67561-10 | | | | J | | | | | | | | |
| SMW01042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67561-10 | | | | | | | UJ | | | | | |
| TMW01042015 | 6010C | SODIUM | 280-67484-9 | Dissolved | | | | J | | | | | | | |
| TMW02042015 | 6010C | SODIUM | 280-67662-6 | Total | | | | J | | | | | | | |
| TMW02042015 | 6020A | MANGANESE | 280-67662-6 | Dissolved | | U | | | | | | | | | |
| TMW02042015 | 8260B | ACETONE | 280-67662-6 | | | | | | | | | | U | | |
| TMW02042015 | 8330B | 2-AMINO-4,6-DINITROTOLUENE | 280-67662-6 | | | | | | | | | | | | J |
| TMW02042015 | 8330B | 4-AMINO-2,6-DINITROTOLUENE | 280-67662-6 | | | | | | | | | | | | J |
| TMW03042015 | 6010C | SODIUM | 280-67662-7 | Total | | | | J | | | | | | | |
| TMW03042015 | 8260B | ACETONE | 280-67662-7 | | | | | | | | | | U | | |
| TMW03042015 | 8330B | 1,3,5-TRINITROBENZENE | 280-67662-7 | | | | | | | | | | | | UJ |
| TMW03042015 | 8330B | 1,3-DINITROBENZENE | 280-67662-7 | | | | | | | | | | | | UJ |
| TMW03042015 | 8330B | 2,4,6-TRINITROTOLUENE | 280-67662-7 | | | | | | | | | | | | UJ |
| TMW03042015 | 8330B | 2,4-DINITROTOLUENE | 280-67662-7 | | | | | | | | | | | | J |
| TMW03042015 | 8330B | 2,6-DINITROTOLUENE | 280-67662-7 | | | | | | | | | | | | UJ |
| TMW03042015 | 8330B | 2-AMINO-4,6-DINITROTOLUENE | 280-67662-7 | | | | | | | | | | | | J |
| TMW03042015 | 8330B | 2-NITROTOLUENE | 280-67662-7 | | | | | | | | | | | | UJ |
| TMW03042015 | 8330B | 2-NITROTOLUENE | 280-67662-7 | | | | | | | | | | | | UJ |
| TMW03042015 | 8330B | 3-NITROTOLUENE | 280-67662-7 | | | | | | | | | | | | UJ |
| TMW03042015 | 8330B | 4-AMINO-2,6-DINITROTOLUENE | 280-67662-7 | | | | | | | | | | | | J |
| TMW03042015 | 8330B | 4-NITROTOLUENE | 280-67662-7 | | | | | | | | | | | | UJ |
| TMW03042015 | 8330B | HEXAHYDRO-1,3,5-TRINITRO- | 280-67662-7 | | | | | | | | | | | | J |
| TMW03042015 | 8330B | METHYL-2,4,6- | 280-67662-7 | | | | | | | | | | | | UJ |
| TMW03042015 | 8330B | NITROBENZENE | 280-67662-7 | | | | | | | | | | | | UJ |
| TMW03042015 | 8330B | Octahydro-1,3,5,7-tetranitro- | 280-67662-7 | | | | | | | | | | | | J |
| TMW04042015 | 6010C | SODIUM | 280-67662-2 | Total | | | | J | | | | | | | |
| TMW04042015 | 6020A | THALLIUM | 280-67662-2 | Total | | U | | | | | | | | | |
| TMW04042015 | 8260B | ACETONE | 280-67662-2 | | | | | | | | | | U | | |
| TMW04042015 | 8270D | BENZALDEHYDE | 280-67662-2 | | | | | | | UJ | | | | | |
| TMW04042015 | 8270D | BENZIDINE | 280-67662-2 | | | | | | | | UJ | | | | |
| TMW04042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67662-2 | | | | | | | UJ | UJ | | | | |
| TMW04042015 | 8330B | 1,2-DINITROBENZENE | 280-67662-2 | | | | J | | | | | | | | |
| TMW04042015 | 8330B | 1,3,5-TRINITROBENZENE | 280-67662-2 | | | | | | | | | | | | J |
| TMW04042015 | 8330B | 1,3-DINITROBENZENE | 280-67662-2 | | | | | | | | | | | | UJ |
| TMW04042015 | 8330B | 2,4,6-TRINITROTOLUENE | 280-67662-2 | | | | | | | | | | | | UJ |
| TMW04042015 | 8330B | 2,4-DINITROTOLUENE | 280-67662-2 | | | | J | | | | | | | | J |
| TMW04042015 | 8330B | 2,6-DINITROTOLUENE | 280-67662-2 | | | | | | | | | | | | UJ |
| TMW04042015 | 8330B | 2-AMINO-4,6-DINITROTOLUENE | 280-67662-2 | | | | J | | | | | | | | J |
| TMW04042015 | 8330B | 2-NITROTOLUENE | 280-67662-2 | | | | J | | | | | | | | J |
| TMW04042015 | 8330B | 3-NITROTOLUENE | 280-67662-2 | | | | | | | | | | | | UJ |
| TMW04042015 | 8330B | 4-AMINO-2,6-DINITROTOLUENE | 280-67662-2 | | | | J | | | | | | | | J |
| TMW04042015 | 8330B | 4-NITROTOLUENE | 280-67662-2 | | | | J | | | | | | | | J |
| TMW04042015 | 8330B | HEXAHYDRO-1,3,5-TRINITRO- | 280-67662-2 | | | | | | | | | | | | J |

**Table 3**
**Summary of Data Qualifications by Reason**
*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TMW04042015 | 8330B | METHYL-2,4,6- | 280-67662-2 | | | | | | | | | | | | J |
| TMW04042015 | 8330B | NITROBENZENE | 280-67662-2 | | | | | | | | | | | | UJ |
| TMW04042015 | 8330B | Octahydro-1,3,5,7-tetranitro- | 280-67662-2 | | | | J | | | | | | | | J |
| TMW06042015 | 6010C | SODIUM | 280-67662-10 | Total | | | | J | | | | | | | |
| TMW06042015 | 8260B | ACETONE | 280-67662-10 | | | | | | | | | | U | | |
| TMW06042015 | 8270D | BENZALDEHYDE | 280-67662-10 | | | | | | | UJ | | | | | |
| TMW06042015 | 8270D | BENZIDINE | 280-67662-10 | | | | | | | | UJ | | | | |
| TMW06042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67662-10 | | | | | | | UJ | UJ | | | | |
| TMW07042015 | 6010C | ALUMINUM | 280-67267-6 | Total | | | | J | | | | | | | |
| TMW07042015 | 8270D | BENZIDINE | 280-67267-6 | | | | | | | R | UJ | | | | |
| TMW07042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-6 | | | | | | | UJ | | | | | |
| TMW08042015 | 8015C GRO | GASOLINE RANGE ORGANICS | 280-67561-11 | | UJ | | | | | | | | | | |
| TMW10042015 | 6010C | SODIUM | 280-67484-8 | Dissolved | | | | J | | | | | | | |
| TMW11042015 | 6020A | ANTIMONY | 280-67561-4 | Total | | U | | | | | | | | | |
| TMW11042015 | 6020A | THALLIUM | 280-67561-4 | Dissolved | | U | | | | | | | | | |
| TMW11042015 | 8260B | DIBROMOFLUOROMETHANE | 280-67561-4 | | | | J | | | | | | | | |
| TMW13042015 | 6010C | SODIUM | 280-67662-9 | Total | | | | J | | | | | | | |
| TMW13042015 | 8260B | ACETONE | 280-67662-9 | | | | | | | | | | U | | |
| TMW14A042015 | 6010C | IRON | 280-67561-3 | Dissolved | | | | | | | | | | | J |
| TMW14A042015 | 6010C | IRON | 280-67561-3 | Total | | | | | | | | | | | J |
| TMW14A042015 | 6020A | ANTIMONY | 280-67561-3 | Total | | U | | | | | | | | | |
| TMW14A042015 | 6020A | THALLIUM | 280-67561-3 | Dissolved | | U | | | | | | | | | |
| TMW14A042015 | 6020A | ANTIMONY | 280-67561-3 | Total | | U | | | | | | | | | |
| TMW14A042015 | 6020A | THALLIUM | 280-67561-3 | Dissolved | | U | | | | | | | | | |
| TMW14A042015 | 6020A | THALLIUM | 280-67561-3 | Total | | U | | | | | | | | | |
| TMW14A042015 | 8260B | DIBROMOFLUOROMETHANE | 280-67561-3 | | | | J | | | | | | | | |
| TMW14A042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67561-3 | | | | | | | UJ | | | | | |
| TMW15042015 | 6010C | IRON | 280-67561-7 | Dissolved | | | | | | | | | | UJ | |
| TMW15042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67561-7 | | | | | | | UJ | | | | | |
| TMW15042015 | 9056 | NITRATE | 280-67561-7 | Total | | | | | | | | | | J | |
| TMW16042015 | 6010C | ALUMINUM | 280-67267-18 | Total | | | | J | | | | | | | |
| TMW16042015 | 8270D | BENZIDINE | 280-67267-18 | | | | | | | R | UJ | | | | |
| TMW16042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-18 | | | | | | | UJ | | | | | |
| TMW17042015 | 6010C | ALUMINUM | 280-67484-11 | Total | | | | J | | | | | | | |
| TMW17042015 | 6010C | SODIUM | 280-67484-11 | Dissolved | | | | J | | | | | | | |
| TMW18042015 | 6010C | ALUMINUM | 280-67267-14 | Total | | | | J | | | | | | | |
| TMW18042015 | 8270D | BENZIDINE | 280-67267-14 | | | | | | | R | UJ | | | | |
| TMW18042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-14 | | | | | | | UJ | | | | | |
| TMW19042015 | 6010C | ALUMINUM | 280-67267-15 | Total | | | | J | | | | | | | |
| TMW19042015 | 8270D | BENZIDINE | 280-67267-15 | | | | | | | R | UJ | | | | |
| TMW19042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-15 | | | | | | | UJ | | | | | |
| TMW21042015 | 6010C | ALUMINUM | 280-67366-1 | Dissolved | | | | J | | | | | | | |
| TMW21042015 | 6010C | ALUMINUM | 280-67366-1 | Total | | | | J | | | | | | | |
| TMW21042015 | 6010C | IRON | 280-67366-1 | Dissolved | | | | J | | | | | | | |
| TMW21042015 | 6010C | IRON | 280-67366-1 | Total | | | | J | | | | | | | |
| TMW21042015 | 6020A | ANTIMONY | 280-67366-1 | Total | | | | J | | | | | | | |
| TMW21042015 | 6860 | PERCHLORATE | 280-67366-1 | | | | | J | | | | | | | |
| TMW22042015 | 6010C | ALUMINUM | 280-67267-21 | Total | | | | J | | | | | | | |
| TMW22042015 | 8270D | BENZIDINE | 280-67267-21 | | | | | | | R | UJ | | | | |

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*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TMW22042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-21 | | | | | | | UJ | | | | | |
| TMW22042015 | 9056 | NITRATE | 280-67267-21 | Total | J | | | | | | | | | | |
| TMW23042015 | 6010C | ALUMINUM | 280-67267-7 | Total | | | | J | | | | | | | |
| TMW23042015 | 8081A | 4,4'-DDD | 280-67267-7 | | | | | | | | | | | | J |
| TMW23042015 | 8330B | 2-AMINO-4,6-DINITROTOLUENE | 280-67267-7 | | | | | | | | | | | | J |
| TMW23042015 | 9056 | NITRATE | 280-67267-7 | Total | J | | | | | | | | | | |
| TMW25042015 | 6010C | ALUMINUM | 280-67484-3 | Total | | | | J | | | | | | | |
| TMW25042015 | 6010C | SODIUM | 280-67484-3 | Dissolved | | | | J | | | | | | | |
| TMW25042015 | 6020A | SELENIUM | 280-67484-3 | Dissolved | | U | | | | | | | | | |
| TMW26042015 | 6010C | ALUMINUM | 280-67484-10 | Total | | | | J | | | | | | | |
| TMW26042015 | 6010C | SODIUM | 280-67484-10 | Dissolved | | | | J | | | | | | | |
| TMW26042015 | 6020A | ZINC | 280-67484-10 | Dissolved | | | | | | | | | | UJ | |
| TMW27042015 | 6010C | SODIUM | 280-67484-2 | Dissolved | | | | J | | | | | | | |
| TMW27042015 | 6020A | SELENIUM | 280-67484-2 | Dissolved | | U | | | | | | | | | |
| TMW28042015 | 6010C | SODIUM | 280-67484-1 | Dissolved | | | | J | | | | | | | |
| TMW28042015 | 6020A | SELENIUM | 280-67484-1 | Dissolved | | U | | | | | | | | | |
| TMW28042015 | 6020A | SILVER | 280-67484-1 | Total | | U | | | | | | | | | |
| TMW29042015 | 6010C | ALUMINUM | 280-67366-2 | Dissolved | | | | J | | | | | | | |
| TMW29042015 | 6010C | ALUMINUM | 280-67366-2 | Total | | | | J | | | | | | | |
| TMW29042015 | 6010C | IRON | 280-67366-2 | Dissolved | | | | J | | | | | | | |
| TMW29042015 | 6010C | IRON | 280-67366-2 | Total | | | | J | | | | | | | |
| TMW29042015 | 6020A | ANTIMONY | 280-67366-2 | Total | | | | J | | | | | | | |
| TMW29042015 | 6010C | IRON | 280-67366-2 | Total | | | | J | | | | | | | |
| TMW29042015 | 6020A | ANTIMONY | 280-67366-2 | Total | | | | J | | | | | | | |
| TMW29042015 | 6860 | PERCHLORATE | 280-67366-2 | | | | | J | | | | | | | |
| TMW30042015 | 6010C | ALUMINUM | 280-67267-3 | Total | | | | J | | | | | | | |
| TMW30042015 | 8270D | BENZIDINE | 280-67267-3 | | | | | | | R | UJ | | | | |
| TMW30042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-3 | | | | | | | UJ | | | | | |
| TMW30042015 | 8330B | NITROBENZENE | 280-67267-3 | | | | | | | | | | | | J |
| TMW31D042015 | 6020A | THALLIUM | 280-67438-1 | Total | | U | | | | | | | | | |
| TMW31D042015 | 6020A | ZINC | 280-67438-1 | Dissolved | | | | J | | | | | | | |
| TMW31D042015 | 6860 | PERCHLORATE | 280-67438-1 | | | | | J | | | | | | | |
| TMW31D042015 | 8081A | TOXAPHENE | 280-67438-1 | | | | | UJ | | | | | | | |
| TMW31D042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67438-1 | | | | | R | | | | | | | |
| TMW31D042015 | 8270D | 3-NITROANILINE | 280-67438-1 | | | | | UJ | | | | | | | |
| TMW31D042015 | 8270D | 4-NITROANILINE | 280-67438-1 | | | | | UJ | | | | | | | |
| TMW31D042015 | 8270D | BENZALDEHYDE | 280-67438-1 | | | | | UJ | | | | | | | |
| TMW31D042015 | 8270D | BENZIDINE | 280-67438-1 | | | | | R | | | | | | | |
| TMW31D042015 | 9056 | NITRITE | 280-67438-1 | Total | | | | UJ | | | | | | | |
| TMW31S042015 | 6010C | CALCIUM | 280-67316-2 | Dissolved | | | | J | | | | | | | |
| TMW31S042015 | 6020A | THALLIUM | 280-67316-2 | Total | | U | | | | | | | | | |
| TMW31S042015 | 8270D | BENZIDINE | 280-67316-2 | | | | | R | | | | | | | |
| TMW31S042015 | 8270D | BENZOIC ACID | 280-67316-2 | | | | | | UJ | | | | | | |
| TMW31S042015 | 8270D | DIMETHYL PHTHALATE | 280-67316-2 | | | U | | | | | | | | | |
| TMW31S042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67316-2 | | | | | | | R | | | | | |
| TMW31S042015 | 8330B | NITROBENZENE | 280-67316-2 | | | | | | | | | | | | J |
| TMW32042015 | 6010C | SODIUM | 280-67662-5 | Total | | | | J | | | | | | | |
| TMW32042015 | 8260B | ACETONE | 280-67662-5 | | | | | | | | | | U | | |
| TMW32042015 | 8270D | BENZALDEHYDE | 280-67662-5 | | | | | | | UJ | | | | | |

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| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TMW32042015 | 8270D | BENZIDINE | 280-67662-5 | | | | | | | | UJ | | | | |
| TMW32042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67662-5 | | | | | | | UJ | UJ | | | | |
| TMW33042015 | 6010C | CALCIUM | 280-67316-9 | Dissolved | | | | J | | | | | | | |
| TMW33042015 | 6020A | THALLIUM | 280-67316-9 | Total | | U | | | | | | | | | |
| TMW33042015 | 8015C DRO | DIESEL RANGE ORGANICS | 280-67316-9 | | | | | | | J | | | | | |
| TMW33042015 | 8270D | 1,2,4,5-TETRACHLOROBENZENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 1,2,4-TRICHLOROBENZENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 1,2-DICHLOROBENZENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 1,2-DIPHENYLHYDRAZINE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 1,2-DIPHENYLHYDRAZINE | 280-67316-9 | | | U | | | | | | | | | |
| TMW33042015 | 8270D | 1,3-DICHLOROBENZENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 1,4-DICHLOROBENZENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2,3,4,6-TETRACHLOROPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2,4,5-TRICHLOROPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2,4,6-TRICHLOROPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2,4-DICHLOROPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2,4-DIMETHYLPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2,4-DINITROPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2,4-DINITROTOLUENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2,6-DICHLOROPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2,6-DINITROTOLUENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2-CHLORONAPHTHALENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2-CHLOROPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2-METHYLNAPHTHALENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2-METHYLPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2-NITROANILINE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 2-NITROPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 3-NITROANILINE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 4,6-DINITRO-2-METHYLPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 4-BROMOPHENYL-PHENYLETHER | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 4-CHLORO-3-METHYLPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 4-CHLOROANILINE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 4-CHLOROPHENYL-PHENYLETHER | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 4-NITROANILINE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | 4-NITROPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | ACENAPHTHENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | ACENAPHTHYLENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | ACETOPHENONE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | ANTHRACENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | BENZALDEHYDE | 280-67316-9 | | R | | | | | UJ | | | | | |
| TMW33042015 | 8270D | BENZIDINE | 280-67316-9 | | R | | | | | | UJ | | | | |
| TMW33042015 | 8270D | BENZIDINE | 280-67316-9 | | | | | R | | | | | | | |
| TMW33042015 | 8270D | BENZO(A)ANTHRACENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | BENZO(A)PYRENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | BENZO(B)FLUORANTHENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | BENZO(G,H,I)PERYLENE | 280-67316-9 | | R | | | | | | | | | | |

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| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TMW33042015 | 8270D | BENZO(K)FLUORANTHENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | BENZOIC ACID | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | BENZOIC ACID | 280-67316-9 | | | | | | UJ | | | | | | |
| TMW33042015 | 8270D | BENZYL ALCOHOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | BIS(2-CHLOROETHOXY)METHANE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | BIS(2-CHLOROETHYL) ETHER | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | BIS(2-CHLOROISOPROPYL)ETHER | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | BIS(2-ETHYLHEXYL) PHTHALATE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | Butyl Benzyl Phthlate | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | CARBAZOLE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | CHRYSENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | DIBENZ(A,H)ANTHRACENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | DIBENZOFURAN | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | DIETHYL PHTHALATE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | DIMETHYL PHTHALATE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | DI-N-BUTYL PHTHALATE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | DI-N-OCTYL PHTHALATE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | FLUORANTHENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | FLUORENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | HEXACHLOROBENZENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | HEXACHLOROBUTADIENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67316-9 | | R | | | | | UJ | UJ | | | | |
| TMW33042015 | 8270D | HEXACHLOROBUTADIENE | 280-67316-9 | | R | | | | | UJ | UJ | | | | |
| TMW33042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67316-9 | | | | | | | R | | | | | |
| TMW33042015 | 8270D | HEXACHLOROETHANE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | INDENO(1,2,3-CD)PYRENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | ISOPHORONE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | M,P-Cresol | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | NAPHTHALENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | NITROBENZENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | N-NITROSODIMETHYLAMINE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | N-NITROSO-DI-N-PROPYLAMINE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | N-NITROSODIPHENYLAMINE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | PENTACHLOROPHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | PHENANTHRENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | PHENOL | 280-67316-9 | | R | | | | | | | | | | |
| TMW33042015 | 8270D | PYRENE | 280-67316-9 | | R | | | | | | | | | | |
| TMW34042015 | 6020A | ANTIMONY | 280-67366-4 | Total | | | | UJ | | | | | | | |
| TMW34042015 | 6020A | LEAD | 280-67366-4 | Total | | | | | | | | | | UJ | |
| TMW34042015 | 6020A | THALLIUM | 280-67366-4 | Total | | | | | | | | | | J | |
| TMW34042015 | 6860 | PERCHLORATE | 280-67366-4 | | | | | J | | | | | | | |
| TMW34042015 | 8015C DRO | DIESEL RANGE ORGANICS | 280-67366-4 | | | | | | | J | | | | J | |
| TMW34042015 | 8260B | ACETONE | 280-67366-4 | | | | | | | | | | | UJ | |
| TMW35042015 | 6010C | IRON | 280-67366-9 | Total | | | | J | | | | | | | |
| TMW35042015 | 6020A | ANTIMONY | 280-67366-9 | Total | | | | UJ | | | | | | | |
| TMW35042015 | 6860 | PERCHLORATE | 280-67366-9 | | | | | J | | | | | | | |
| TMW35042015 | 8015C DRO | DIESEL RANGE ORGANICS | 280-67366-9 | | | | | | | J | | | | | |
| TMW35042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67366-9 | | | | | | | UJ | UJ | | | | |

**Table 3**
**Summary of Data Qualifications by Reason**
*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TMW36042015 | 6010C | ALUMINUM | 280-67267-16 | Total | | | | J | | | | | | | |
| TMW36042015 | 8270D | BENZIDINE | 280-67267-16 | | | | | | | R | UJ | | | | |
| TMW36042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-16 | | | | | | | UJ | | | | | |
| TMW37042015 | 6010C | ALUMINUM | 280-67267-17 | Total | | | | J | | | | | | | |
| TMW37042015 | 8270D | BENZIDINE | 280-67267-17 | | | | | | | R | UJ | | | | |
| TMW37042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-17 | | | | | | | UJ | | | | | |
| TMW37042015 | 8330B | 1,2-DINITROBENZENE | 280-67267-17 | | | | J | | | | | | | | |
| TMW37042015 | 8330B | 1,3,5-TRINITROBENZENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 1,3,5-TRINITROBENZENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | 1,3-DINITROBENZENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 1,3-DINITROBENZENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | 2,4,6-TRINITROTOLUENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 2,4,6-TRINITROTOLUENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | 2,4-DINITROTOLUENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 2,4-DINITROTOLUENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | 2,6-DINITROTOLUENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 2,6-DINITROTOLUENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | 2-AMINO-4,6-DINITROTOLUENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 2-AMINO-4,6-DINITROTOLUENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | 2-NITROTOLUENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 2-NITROTOLUENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | 3-NITROTOLUENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 3-NITROTOLUENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | 3-NITROTOLUENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 3-NITROTOLUENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | 4-AMINO-2,6-DINITROTOLUENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 4-AMINO-2,6-DINITROTOLUENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | 4-NITROTOLUENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | 4-NITROTOLUENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | HEXAHYDRO-1,3,5-TRINITRO- | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | HEXAHYDRO-1,3,5-TRINITRO- | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | METHYL-2,4,6- | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | METHYL-2,4,6- | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | NITROBENZENE | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | NITROBENZENE | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW37042015 | 8330B | Octahydro-1,3,5,7-tetranitro- | 280-67267-17 | | R | | | | | | | | | | |
| TMW37042015 | 8330B | Octahydro-1,3,5,7-tetranitro- | 280-67267-17 | | | | UJ | | | | | | | | |
| TMW38042015 | 6020A | THALLIUM | 280-67561-9 | Total | | U | | | | | | | | | |
| TMW38042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67561-9 | | | | | | | UJ | | | | | |
| TMW39D042015 | 6010C | ALUMINUM | 280-67438-2 | Dissolved | | | | | | | | | | UJ | |
| TMW39D042015 | 6010C | IRON | 280-67438-2 | Dissolved | | | | | | | | | | UJ | |
| TMW39D042015 | 6020A | ANTIMONY | 280-67438-2 | Dissolved | | | | | | | | | | J | |
| TMW39D042015 | 6020A | ARSENIC | 280-67438-2 | Dissolved | | | | | | | | | | J | |
| TMW39D042015 | 6020A | ZINC | 280-67438-2 | Dissolved | | | | UJ | | | | | | UJ | |
| TMW39D042015 | 6860 | PERCHLORATE | 280-67438-2 | | | | | J | | | | | | | |
| TMW39D042015 | 8081A | TOXAPHENE | 280-67438-2 | | | | | UJ | | | | | | | |
| TMW39D042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67438-2 | | | | | R | | | | | | | |
| TMW39D042015 | 8270D | 3-NITROANILINE | 280-67438-2 | | | | | UJ | | | | | | | |
| TMW39D042015 | 8270D | 4-NITROANILINE | 280-67438-2 | | | | | UJ | | | | | | | |

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*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TMW39D042015 | 8270D | BENZALDEHYDE | 280-67438-2 | | | | | UJ | | | | | | | |
| TMW39D042015 | 8270D | BENZIDINE | 280-67438-2 | | | | | R | | | | | | | |
| TMW39D042015 | 9056 | NITRITE | 280-67438-2 | Total | | | | UJ | | | | | | | |
| TMW39S042015 | 6010C | ALUMINUM | 280-67267-4 | Total | | | | J | | | | | | | |
| TMW39S042015 | 8081A | 4,4'-DDD | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | 4,4'-DDE | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | 4,4'-DDT | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | ALDRIN | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | ALPHA-BHC | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | ALPHA-CHLORDANE | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | BETA-BHC | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | DELTA-BHC | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | DIELDRIN | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | ENDOSULFAN I | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | ENDOSULFAN II | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | ENDOSULFAN SULFATE | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | ENDRIN | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | ENDRIN ALDEHYDE | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | ENDRIN KETONE | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | GAMMA-BHC | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | GAMMA-CHLORDANE | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | HEPTACHLOR | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | HEPTACHLOR EPOXIDE | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | METHOXYCHLOR | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8081A | TOXAPHENE | 280-67267-4 | | | | UJ | | | | | | | | |
| TMW39S042015 | 8270D | BENZIDINE | 280-67267-4 | | | | | | | R | UJ | | | | |
| TMW39S042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-4 | | | | | | | UJ | | | | | |
| TMW39S042015 | 8330B | 2-NITROTOLUENE | 280-67267-4 | | | | | | | | | | | | J |
| TMW40D042015 | 6010C | SODIUM | 280-67662-3 | Total | | | | J | | | | | | | |
| TMW40D042015 | 8260B | ACETONE | 280-67662-3 | | | | | | | | | | U | | |
| TMW40D042015 | 8270D | BENZALDEHYDE | 280-67662-3 | | | | | | | UJ | | | | | |
| TMW40D042015 | 8270D | BENZIDINE | 280-67662-3 | | | | | | | | UJ | | | | |
| TMW40D042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67662-3 | | | | | | | UJ | UJ | | | | |
| TMW40S042015 | 6010C | ALUMINUM | 280-67267-22 | Total | | | | J | | | | | | | |
| TMW40S042015 | 6010C | CALCIUM | 280-67316-6 | Dissolved | | | | J | | | | | | | |
| TMW40S042015 | 8081A | 4,4'-DDD | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | 4,4'-DDE | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | 4,4'-DDT | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | ALDRIN | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | ALPHA-BHC | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | ALPHA-CHLORDANE | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | BETA-BHC | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | DELTA-BHC | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | DIELDRIN | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | ENDOSULFAN I | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | ENDOSULFAN II | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | ENDOSULFAN SULFATE | 280-67366-11 | | | | UJ | | | | | | | | |

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| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TMW40S042015 | 8081A | ENDRIN | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | ENDRIN ALDEHYDE | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | ENDRIN KETONE | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | GAMMA-BHC | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | GAMMA-CHLORDANE | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | HEPTACHLOR | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | HEPTACHLOR EPOXIDE | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | METHOXYCHLOR | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8081A | TOXAPHENE | 280-67366-11 | | | | UJ | | | | | | | | |
| TMW40S042015 | 8260B | METHYLENE CHLORIDE | 280-67316-6 | | | | | | | | | | U | | |
| TMW40S042015 | 8270D | BENZIDINE | 280-67267-22 | | | | | | | R | UJ | | | | |
| TMW40S042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-22 | | | | | | | UJ | | | | | |
| TMW40S042015 | 8330B | 1,2-DINITROBENZENE | 280-67316-6 | | | | J | | | | | | | | |
| TMW40S042015 | 8330B | 1,3,5-TRINITROBENZENE | 280-67316-6 | | | | | | | | | | | | J |
| TMW40S042015 | 8330B | 1,3-DINITROBENZENE | 280-67316-6 | | | | | | | | | | | | UJ |
| TMW40S042015 | 8330B | 2,4,6-TRINITROTOLUENE | 280-67316-6 | | | | | | | | | | | | UJ |
| TMW40S042015 | 8330B | 2,4-DINITROTOLUENE | 280-67316-6 | | | | R | | | | | | | | UJ |
| TMW40S042015 | 8330B | 2,6-DINITROTOLUENE | 280-67316-6 | | | | R | | | | | | | | UJ |
| TMW40S042015 | 8330B | 2-AMINO-4,6-DINITROTOLUENE | 280-67316-6 | | | | J | | | | | | | | J |
| TMW40S042015 | 8330B | 2-NITROTOLUENE | 280-67316-6 | | | | R | | | | | | | | UJ |
| TMW40S042015 | 8330B | 3-NITROTOLUENE | 280-67316-6 | | | | | | | | | | | | J |
| TMW40S042015 | 8330B | 4-AMINO-2,6-DINITROTOLUENE | 280-67316-6 | | | | J | | | | | | | | J |
| TMW40S042015 | 8330B | 4-NITROTOLUENE | 280-67316-6 | | | | R | | | | | | | | UJ |
| TMW40S042015 | 8330B | HEXAHYDRO-1,3,5-TRINITRO- | 280-67316-6 | | | | | | | | | | | | J |
| TMW40S042015 | 8330B | METHYL-2,4,6- | 280-67316-6 | | | | R | | | | | | | | UJ |
| TMW40S042015 | 8330B | NITROBENZENE | 280-67316-6 | | | | J | | | | | | | | J |
| TMW40S042015 | 8330B | Octahydro-1,3,5,7-tetranitro- | 280-67316-6 | | | | J | | | | | | | | J |
| TMW40S042015 | 9056 | NITRITE | 280-67438-11 | Total | | | | J | | | | | | | |
| TMW41042015 | 6010C | ALUMINUM | 280-67267-1 | Total | | | | J | | | | | | | |
| TMW41042015 | 6020A | SILVER | 280-67267-1 | Total | | | | | | | | | | | UJ |
| TMW41042015 | 8270D | BENZIDINE | 280-67267-1 | | | | | | | R | UJ | | | | |
| TMW41042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-1 | | | | | | | UJ | | | | | |
| TMW43042015 | 6010C | ALUMINUM | 280-67711-1 | Total | | | | J | | | | | | | |
| TMW43042015 | 6020A | BERYLLIUM | 280-67711-1 | Dissolved | | | | | | | | | | UJ | |
| TMW43042015 | 6020A | SILVER | 280-67711-1 | Dissolved | | | | | | | | | | UJ | |
| TMW43042015 | 6020A | THALLIUM | 280-67711-1 | Dissolved | | | | | | | | | | J | |
| TMW43042015 | 8081A | TOXAPHENE | 280-67711-1 | | | | | UJ | | | | | | | |
| TMW43042015 | 8260B | METHYLENE CHLORIDE | 280-67711-1 | | | U | | | | | | | U | | |
| TMW43042015 | 8270D | 2,3,4,6-TETRACHLOROPHENOL | 280-67711-1 | | | | | | | UJ | | | | | |
| TMW43042015 | 8270D | BENZALDEHYDE | 280-67711-1 | | | | | UJ | | UJ | | | | | |
| TMW43042015 | 8270D | BENZIDINE | 280-67711-1 | | | | | UJ | | | | | | | |
| TMW43042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67711-1 | | | | | | UJ | UJ | | | | | |
| TMW43042015 | 8330B | Octahydro-1,3,5,7-tetranitro- | 280-67711-1 | | | | | | | | | | | UJ | |
| TMW44042015 | 6010C | ALUMINUM | 280-67267-5 | Total | | | | J | | | | | | | |
| TMW44042015 | 6020A | ZINC | 280-67267-5 | Dissolved | | | | | | | | U | | | |
| TMW44042015 | 6860 | PERCHLORATE | 280-67267-5 | | | | | | | | | U | | | |
| TMW44042015 | 8081A | 4,4'-DDD | 280-67267-5 | | | | UJ | | | | | | | | |

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| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TMW44042015 | 8081A | 4,4'-DDE | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | 4,4'-DDT | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | ALDRIN | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | ALPHA-BHC | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | ALPHA-CHLORDANE | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | BETA-BHC | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | DELTA-BHC | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | DIELDRIN | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | ENDOSULFAN I | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | ENDOSULFAN II | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | ENDOSULFAN SULFATE | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | ENDRIN | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | ENDRIN ALDEHYDE | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | ENDRIN KETONE | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | GAMMA-BHC | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | GAMMA-CHLORDANE | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | HEPTACHLOR | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | HEPTACHLOR EPOXIDE | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | METHOXYCHLOR | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8081A | TOXAPHENE | 280-67267-5 | | | | UJ | | | | | | | | |
| TMW44042015 | 8270D | BENZIDINE | 280-67267-5 | | | | | | | R | UJ | | | | |
| TMW44042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67267-5 | | | | | | | UJ | | | | | |
| TMW44042015 | 8330B | 2-AMINO-4,6-DINITROTOLUENE | 280-67267-5 | | | | | | | | | | | | J |
| TMW44042015 | 9056 | NITRATE | 280-67267-5 | Total | J | | | | | | | | | | |
| TMW45042015 | 6010C | SODIUM | 280-67662-8 | Total | | | | J | | | | | | | |
| TMW45042015 | 8260B | ACETONE | 280-67662-8 | | | | | | | | | | U | | |
| TMW45042015 | 8270D | BENZALDEHYDE | 280-67662-8 | | | | | | | UJ | | | | | |
| TMW45042015 | 8270D | BENZIDINE | 280-67662-8 | | | | | | | | UJ | | | | |
| TMW45042015 | 8270D | BENZOIC ACID | 280-67662-8 | | | | | | | | | | | | |
| TMW45042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67662-8 | | | | | | | UJ | UJ | | | | |
| TMW46042015 | 6010C | CALCIUM | 280-67316-1 | Dissolved | | | | J | | | | | | | |
| TMW46042015 | 6020A | THALLIUM | 280-67316-1 | Total | | U | | | | | | | | | |
| TMW46042015 | 8081A | 4,4'-DDD | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | 4,4'-DDE | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | 4,4'-DDT | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | ALDRIN | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | ALPHA-BHC | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | ALPHA-CHLORDANE | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | BETA-BHC | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | DELTA-BHC | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | DIELDRIN | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | ENDOSULFAN I | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | ENDOSULFAN II | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | ENDOSULFAN SULFATE | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | ENDRIN | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | ENDRIN ALDEHYDE | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | ENDRIN KETONE | 280-67316-1 | | | | UJ | | | | | | | | |

**Table 3**
**Summary of Data Qualifications by Reason**
*Groundwater Periodic Monitoring Report, Spring 2015 Sample Collections, Fort Wingate Depot Activity*

| Sample ID | Method | AnalyteName | Lab Sample ID | Analysis Type | Holding Time | Method Blanks | Surrogate Recovery | MS/MSD Recovery | MS/MSD RPD | LCS Recovery | LCS RPD | Equipment Blank | Trip Blank | Field Duplicate | Professional Judgement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TMW46042015 | 8081A | GAMMA-BHC | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | GAMMA-CHLORDANE | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | HEPTACHLOR | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | HEPTACHLOR EPOXIDE | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | METHOXYCHLOR | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8081A | TOXAPHENE | 280-67316-1 | | | | UJ | | | | | | | | |
| TMW46042015 | 8270D | BENZIDINE | 280-67316-1 | | | | | R | | | | | | | |
| TMW46042015 | 8270D | BENZOIC ACID | 280-67316-1 | | | | | | UJ | | | | | | |
| TMW46042015 | 8270D | DIMETHYL PHTHALATE | 280-67316-1 | | | U | | | | | | | | | |
| TMW46042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67316-1 | | | | | | | R | | | | | |
| TMW47042015 | 6010C | ALUMINUM | 280-67711-4 | Total | | | | J | | | | | | | |
| TMW47042015 | 8081A | TOXAPHENE | 280-67711-4 | | | | | UJ | | | | | | | |
| TMW47042015 | 8260B | METHYLENE CHLORIDE | 280-67711-4 | | | U | | | | | | | U | | |
| TMW47042015 | 8270D | 2,3,4,6-TETRACHLOROPHENOL | 280-67711-4 | | | | | | | UJ | | | | | |
| TMW47042015 | 8270D | BENZALDEHYDE | 280-67711-4 | | | | | UJ | | UJ | | | | | |
| TMW47042015 | 8270D | BENZIDINE | 280-67711-4 | | | | | UJ | | | | | | | |
| TMW47042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67711-4 | | | | | | UJ | UJ | | | | | |
| TMW48042015 | 6020A | ZINC | 280-67438-3 | Dissolved | | | | J | | | | | | | |
| TMW48042015 | 6860 | PERCHLORATE | 280-67438-3 | | | | | J | | | | | | | |
| TMW48042015 | 8081A | TOXAPHENE | 280-67438-3 | | | | | UJ | | | | | | | |
| TMW48042015 | 8270D | 3,3'-DICHLOROBENZIDINE | 280-67438-3 | | | | | R | | | | | | | |
| TMW48042015 | 8270D | 3-NITROANILINE | 280-67438-3 | | | | | UJ | | | | | | | |
| TMW48042015 | 8270D | 4-NITROANILINE | 280-67438-3 | | | | | UJ | | | | | | | |
| TMW48042015 | 8270D | BENZALDEHYDE | 280-67438-3 | | | | | UJ | | | | | | | |
| TMW48042015 | 8270D | BENZIDINE | 280-67438-3 | | | | | R | | | | | | | |
| TMW48042015 | 9056 | NITRITE | 280-67438-3 | Total | | | | UJ | | | | | | | |
| TMW49042015 | 6010C | IRON | 280-67662-4 | Total | | | | | | | | | | | J |
| TMW49042015 | 6010C | SODIUM | 280-67662-4 | Total | | | | J | | | | | | | |
| TMW49042015 | 6020A | THALLIUM | 280-67662-4 | Total | | U | | | | | | | | | |
| TMW49042015 | 8260B | ACETONE | 280-67662-4 | | | | | | | | | | U | | |
| TMW49042015 | 8270D | BENZALDEHYDE | 280-67662-4 | | | | | | | UJ | | | | | |
| TMW49042015 | 8270D | BENZIDINE | 280-67662-4 | | | | | | | | UJ | | | | |
| TMW49042015 | 8270D | HEXACHLOROCYCLOPENTADIENE | 280-67662-4 | | | | | | | UJ | UJ | | | | |

Notes:
HT = holding time
ID = identification
J = analyte was detected and is considered to be an estimated concentration
LCS = laboratory control sample
MS = matrix spike
MSD = matrix spike duplicate
R = analyte has been rejected;  it is unusable for project objectives.
RPD = relative percent difference
U = analyte was not detected above the reported sample limit of detection
UJ = analyte was not detected above the reported limit of detection; however, the reported value is considered an estimated concentration