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August 13, 2020

Mr. Ricky Vargas
Land and Redevelopment Program Branch
Land, Chemicals and Redevelopment Division
United States Environmental Protection Agency, Region 2
290 Broadway, 25th Floor
New York, New York 10007

Re: Pre-Design Summaries, dated August 2017, for areas:

1. **NF3 LNAPL Area**
2. **NF4 LNAPL Area**
3. **NF5 LNAPL Area**
4. **SWMU 40 LNAPL Area**
5. **SWMU 41 LNAPL Area**
6. **SSPL LNAPL Area**
7. **EY4A LNAPL Area**
8. **EY4B LNAPL Area**

Former Chevron Perth Amboy Facility
Perth Amboy, New Jersey
SRP PI # 003621; EPA ID No. NJD081982902

Dear Mr. Vargas:

Chevron Environmental Management Company (Chevron) is submitting this letter in response to the U.S. Environmental Protection Agency (EPA) Region 2 and New Jersey Department of Environmental Protection (NJDEP) letter dated July 26, 2019, which included comments on the completed review of the Pre-Design Investigation (PDI) Summaries dated August 2017 for the eight areas listed above at the Former Chevron Perth Amboy Facility, in Perth Amboy, Middlesex County, New Jersey.

Chevron submitted the August 2017 PDI Summaries pursuant to the Resource Conservation and Recovery Act (RCRA), Hazardous and Solid Waste Amendments (HSWA) Permit of 2013 and the NJDEP Technical Requirements for Site Remediation at New Jersey Administrative Code (N.J.A.C.) 7:26E (Tech Rules). The original comments received have been provided below along with a response. Additionally, an updated LNAPL Area Summary has been provided to address data gaps from activities that have been completed since the original submittal in 2017 and November 2019.

As per the NJDEP comment in the 2013 HSWA Permit, "NJDEP Comment: 5. The NJDEP agrees that Chevron's LNAPL recovery program is in compliance with NJDEP LNAPL requirements at NJ.A.C. 7:26E-5.I(e). By making the changes requested in comments 2, 3, 4, 9 and 14, the draft HSWA permit will be consistent with the Chevron's LNAPL Program." and as per the EPAs response

"Changes have been made in response to NJDEP's comments 2, 3, 4, 9, and 14 associated with LNAPL remediation program," Therefore, all of the LNAPL recovery activities completed to date and referenced in this letter have been conducted in full accordance with the methods and regulations previously approved by the NJDEP and EPA.If you require additional information regarding our responses or the updated LNAPL Summaries, please contact me at (732) 738-2023. Otherwise, Chevron looks forward to concurrence with our responses to comments.

Sincerely,

Robert Mancini
Project Manager, Downstream

Enclosures (updated LNAPL Summaries and Responses to Comments issued July 26, 2019)

cc: Ms. Charlie Zelinski, NJDEP
Mr. Brendan Leehan, Buckeye Perth Amboy Terminal, LLC
Krista Manley, Buckeye Perth Amboy Terminal, LLC

bcc: Todd Frantz, Parsons
Ken Siet, TRC

Doc ID: 2020-039-38

LNAPL Area Status Update

As per the Final Hazardous and Solid Waste Amendment (HSWA) Permit Renewal dated July 2013, the permittee is responsible to implement corrective measures for specific solid waste management units (SWMUs) and areas of concern (AOCs) at the Chevron Perth Amboy facility (Facility). The corrective measures include the remediation of source areas, soils and groundwater as appropriate at SWMUs and AOCs to levels protective of human health and the environment. The corrective measures for these SWMUs and AOCs were evaluated and selected by the Environmental Protection Agency (EPA) based on information and analyses contained in the Corrective Measures Study (CMS) Pre-Design Investigation Results Report, the CMS Final Report, the CMS Final Report for AOC 29, and the Corrective Action Management Unit (CAMU) Application, including its supplements.

Corrective measures for each SWMU and AOC were selected based on the nature of contamination in each area and agreed upon by EPA and Chevron. The specific corrective measure chosen to address the light nonaqueous phase liquid (LNAPL) and overall contamination in each SWMU and AOC are summarized below. As per the HSWA Permit, each LNAPL area was assigned to specific SWMUs and AOCs to facilitate the removal of LNAPL to the extent practicable in each area.

NF3 LNAPL Area (SWMU 35, AOC 16a)

The HSWA Permit for the Facility lists the final corrective measures for LNAPL as removal of LNAPL to the extent practicable. LNAPL remedial measures (LRMs) have been implemented in NF3 to stabilize LNAPL, reduce the volume of LNAPL and mitigate LNAPL acting as a potential source of dissolved phase impacts to groundwater. LRMs in NF3 include collection with an absorbent sock and hand bailing activities. The LRMs resulted in the reduction of LNAPL from a maximum thickness of 1.83 feet to 0.03 foot as of fourth quarter 2019. LRMs will continue as needed to address the ongoing LNAPL within the NF3 LNAPL area. The NF3 LNAPL Area is encompassed by two separate functional areas identified as SWMU 35 and AOC 16a. A status update for the corrective measures undertaken in each area is included below.

SWMU 35

SWMU 35 consists of the No. 4 separator impoundment. The unit was a surface impoundment used for oil/water separation. The unit is located west of the Effluent Treatment Plant (ETP) and between Tanks 327 and 330. The corrective measures for this area are:

1. In-situ chemical oxidation (ISCO) treatment for organic contaminants in soil, supplemented by enhanced bioremediation, if required;
2. Containment consisting of a cap and filing a deed notice afterwards for arsenic concentrations >20 milligrams per kilogram (mg/kg) in surface soil;
3. Filing of a deed notice for benzo(a)pyrene (BaP) concentrations <10 mg/kg and >0.66 mg/kg;
4. ISCO treatment for benzene concentrations >100 micrograms per liter (µg/L) in groundwater, supplemented by enhanced bioremediation, if required; and
5. Monitored natural attenuation (MNA) and filing a classification exception area (CEA) for groundwater.

In accordance with the SWMU 35 Implementation Work Plan (IWP), sulfate salts were mixed in the subsurface in one soil mixing event between April 17 and June 29, 2018. As proposed in the

IWP, sulfate was added in the form of gypsum to the floor of the excavation in Areas A, B, C, D, E, and F and to trenches in Areas A, C, E, and F. In accordance with the IWP and the NJDEP-approved Permit-by-Rule/Discharge to Groundwater (PBR/DGW) Authorization, process and performance monitoring were conducted to evaluate the performance of the corrective measure implementation (CMI). Based on the post-implementation monitoring results, ISCO injections are proposed to remediate benzene impacts in groundwater observed in a localized area at SWMU 35.

The cap for arsenic has also been completed, and a No Further Action (NFA) determination for soil was recommended in the August 2017 Pre-Design Investigation (PDI) Summary which was submitted to the New Jersey Department of Environmental Protection (NJDEP). The related Deed Notice is anticipated to be filed in 2020. It is not anticipated that any additional corrective measures will be needed or implemented besides those described here.

AOC 16a

AOC 16a within the Main Yard, consists of the former Oily Water Sewer System (OWSS). The OWSS was used to convey process waste and waste waters generated from process areas to the ETP (SWMU 31). The OWSS extends throughout the previously active areas of the Facility and was integral to its operations. The corrective measures for this area are:

1. ISCO treatment for organic contaminants in soil, supplemented by enhanced bioremediation, if required;
2. Excavation, ex-situ stabilization (ESS) and disposal in the CAMU for BaP concentrations >10 mg/kg;
3. In-situ stabilization (ISS) for lead in soil and file a deed notice afterwards;
4. Containment consisting of a cap and filing a deed notice afterwards for arsenic concentrations >20 mg/kg in surface soil;
5. ISCO treatment for benzene concentrations >100 µg/L in groundwater, supplemented by enhanced bioremediation, if required; and
6. MNA and filing a CEA for groundwater.

Arsenic data gathered from the Phase I and Phase II OWSS Investigations did not detect arsenic in surface soil (0 to 2 feet below ground surface [bgs]) at concentrations above the CMI action level of 20 mg/kg. AOC 16a does not contain arsenic-impacted surface soil above the CMI action level; therefore, an NFA determination was recommended for this area in the 2013 Arsenic Cap Final Design Report (FDR) for areas AS-MY5 and AS-MY7, both associated with AOC 16a. The NFAs were approved in the NJDEP's comment letter dated June 4, 2014. Arsenic-impacted soil greater than the CMI action level of 20 mg/kg at depths below 2 feet bgs is determined to be sufficiently capped and will be included in a Facility-wide deed notice.

Benzene impacts were evaluated in third quarter 2017 to determine if an ISCO PDI was needed. The review concluded that benzene-impacted soil will be addressed during CMI at AOC 8, AOC 44, SWMU 16 and SWMU 35. The proposed ISS and ESS have been completed, and a final report, along with a recommendation for the issuance of an NFA determination, was submitted for this AOC in September 2019. It is not anticipated that any additional corrective measures will be implemented in 2020.

NF4 LNAPL Area (SWMU 31)

The HSWA Permit for the Facility lists the final corrective measures for LNAPL as removal of LNAPL to the extent practicable. LRMs have been implemented in NF4 to stabilize and reduce

the volume of LNAPL. LRMs in NF4 include use of absorbent socks. The LRMs have resulted in the reduction of LNAPL from a maximum thickness of 5.5 feet to no measurable amounts in fourth quarter 2019. To date, 13.5 gallons of LNAPL have been removed from NF4 via LRMs. No measurable LNAPL has been detected in the NF4 LNAPL area as of fourth quarter 2019.

The NF4 LNAPL Area is associated with SWMU 31. LRMs include monthly monitoring of MW-0070. The PDI Summary Report was submitted to USEPA and NJDEP in August 2017. The report concluded that LNAPL in the NF4 LNAPL area has been delineated and requested an NFA determination. LRM activities and monitoring will be continued until an NFA determination is issued.

SWMU 31

SWMU 31 consists of the ETP. The ETP has been in operation since 1977 to provide treatment to process waste or wastewater generated from the process areas and to recover recyclable material before discharge of treated wastewater to Woodbridge Creek. The treatment units utilized included an Induced Air Floatation (IAF) Unit, an Equalization Tank, a Rotating Biological Contactors System, Clarifier Tanks and a Post-Aeration Tank. The corrective measures for this area are:

1. ISS for lead in soil and filing a deed notice afterwards;
2. Filing a deed notice for BaP concentrations <10 mg/kg and >0.66 mg/kg; and
3. A proposed NFA determination for groundwater.

An NFA determination for groundwater was proposed in the most recent HSWA Permit Renewal. The ISS NFA was approved on November 18, 2016. The completed PDI for this area proposes an NFA determination be issued for LNAPL in this AOC. It is not anticipated that any additional corrective measures will be needed or implemented besides those described here.

NF5 LNAPL Area (AOC 8, AOC 15)

The HSWA Permit for the Facility lists the final corrective measures for LNAPL as removal of LNAPL to the extent practicable. LRMs have been implemented in NF5 to stabilize LNAPL and reduce its volume. Current LRMs in NF5 include use of an absorbent sock and a bailer. The LRMs have resulted in the reduction of LNAPL from a maximum thickness of 2.85 feet to between non-measurable thickness and 0.66 foot in fourth quarter 2019. Since LRMs began in 2001, 77.3 gallons of LNAPL have been removed from the NF5 LNAPL area. LRMs will continue as needed to address the ongoing LNAPL within the NF5 LNAPL area. The NF5 LNAPL Area is encompassed by two separate functional areas identified as AOC 8 and AOC 15. A status update for the corrective measures undertaken in each area is included below.

AOC 8

AOC 8 consists of oily and tar-like material detected at borings B-27 and B-28. The corrective measures for this area are:

1. ISCO treatment for organic contaminants in soil, supplemented by enhanced bioremediation, if required;
2. ISCO treatment for benzene concentrations >I00 µg/L in groundwater, supplemented by enhanced bioremediation, if required; and
3. MNA and filing a CEA for groundwater.

The PDI for benzene in soil and groundwater has been completed, and an air sparge pilot study work plan was approved and has been completed. The pilot study results were favorable to move forward with full-scale implementation. Therefore, in October 2019, the installation of horizontal air sparging wells for a full-scale system was initiated and was completed in December 2019. An IWP for the full-scale air sparging system/SVE is being prepared and will be submitted to USEPA/NJDEP for review and approval in second quarter 2020.

AOC 15

AOC 15 consists of an oil release at the Buckeye pipeline manifold. An unknown quantity of oil was released at the manifold at the corner of Creek and Barber Streets. Some oil was recovered. The corrective measures for this area are:

1. ISCO treatment for organic contaminants in soil, supplemented by enhanced bioremediation, if required;
2. ISCO treatment for benzene concentrations >100 µg/L in groundwater, supplemented by enhanced bioremediation, if required; and
3. MNA and filing a CEA for groundwater.

The ISCO PDI for AOC 15 commenced in third quarter 2016 and was completed in fourth quarter 2018. The ISCO PDI results were incorporated in an IWP which was submitted to NJDEP/USEPA for review during first quarter 2020.

SWMU 40 LNAPL Area

The HSWA Permit for the Facility lists the final corrective measures for LNAPL as removal of LNAPL to the extent practicable. LRMs have been implemented in SWMU 40 to stabilize and reduce the volume of LNAPL. Historical LRMs in SWMU 40 have included a weekly total liquid evacuation from MW-0033 until measurable LNAPL was not detected. Current LRMs involve the use of an absorbent sock. The LRMs have resulted in the reduction of LNAPL from a maximum thickness of 0.07 foot to non-measurable thickness as of fourth quarter 2019. LRMs will continue as needed to address any LNAPL within the SWMU 40 LNAPL area. A status update for the corrective measures undertaken in the SWMU 40 area is included below.

SWMU 40

SWMU 40 is a former surface impoundment located near Tank 306 that was used to manage process water and stormwater. This impoundment was operational prior to 1940 through approximately 1967, and possibly to 1974. An oil/water separator was used in conjunction with the Old Pond. The oil/water separator recovered oil in a rectangular box and suspended solids settled in the pond. The pond was nearly circular with a diameter of approximately 175 feet. Tank 306 is currently in service for storage of ethanol and has historically held gasoline products. Minor amounts of LNAPL were found at three isolated locations approximately 60 feet apart in SWMU 40. LNAPL was found primarily in lenses of porous catalyst beads that are contained within the low permeability clay fill. The corrective measures for the contaminated media are:

1. ISCO treatment for organic contaminants in soil, supplemented by enhanced bioremediation, if required;
2. Excavation, ESS and disposal in the CAMU for BaP concentrations > 10 mg/kg in soil;
3. In-situ geochemical stabilization for arsenic groundwater concentrations >60 µg/L using direct injection and/or a reactive barrier wall; and
4. MNA and filing a CEA for groundwater.

The ISS and ESS work has been completed, and an NFA determination has been approved for this area. The ISCO, arsenic cap and LNAPL PDIs have also been completed and reports submitted.

An ISCO IWP was submitted to NJDEP/USEPA for review during first quarter 2020. An application for a PBR for the ISCO treatment of soil and groundwater has been submitted to the NJDEP for approval. It is anticipated that implementation of the ISCO treatment will begin in mid-2020.

SWMU 41 LNAPL Area

The HSWA Permit for the Facility lists the final corrective measures for LNAPL as removal of LNAPL to the extent practicable. LRMs have been implemented in SWMU 41 to stabilize and reduce the volume of LNAPL. LRMs in SWMU 41 reduced the LNAPL to non-measurable amounts by 2002. Measurable LNAPL has not been detected since 2002. A status update for the corrective measures undertaken in the SWMU 41 area is included below.

SWMU 41

SWMU 41 consists of a 200-foot by 400-foot bermed, at-grade impoundment located in the Main Yard along Woodbridge Creek. The unit is a sludge drying area that appears in aerial photographs dating from 1952 through 1967 and again in 1974. Presently, the area is occupied by the ETP. Gravel surface surrounds the ETP structures. Several pipes run between the structures that prevent accessibility to some portions of the unit. SWMU 41 may have been used for storage of oily sludges and may be the source of LNAPL within this area. LNAPL was encountered in temporary well point HP-0081 along the northern edge of ETP Tank 9200 within SWMU 41 and the SWMU was therefore identified as an LNAPL area. The corrective measures for the contaminated media are:

1. ISCO treatment for organic contaminants in soil, supplemented by enhanced bioremediation, if required;
2. ISS for lead in soil;
3. Filing a deed notice for BaP <10 mg/kg and >0.66 mg/kg;
4. Constructing a cap for arsenic in soil >20 mg/kg; and
5. MNA and filing a CEA for groundwater.

The ISS for lead has been completed, and an NFA determination was approved for this corrective measure on November 18, 2016. Subsequently, an NFA determination for LNAPL has also been requested because LNAPL is no longer present within this area. The ISCO treatment was completed in 2019. Following the conclusion of the ISCO treatment, performance monitoring sampling is being conducted to determine the efficacy of the treatment.

State Street Parking Lot (SSPL) LNAPL Area (SWMU 11B)

The HSWA Permit for the Facility lists the final corrective measures for LNAPL as removal of LNAPL to the extent practicable. LRMs have been implemented in the SSPL to stabilize LNAPL and reduce the volume of LNAPL. Current LRMs in the SSPL include use of an absorbent sock. The LRMs resulted in a reduction of LNAPL from a maximum thickness of 3.83 feet to between 0.03 foot and non-measurable (<0.01 foot) thickness by fourth quarter 2019. LRMs will continue as needed to address the ongoing LNAPL within the SSPL LNAPL area. A status update for the corrective measures undertaken in the SWMU 11B area is included below.

SWMU 11B

The SSPL Area was determined not to have been used for tetraethyl lead (TEL) burial, based on the fact that there were no exceedances of the applicable Non-Residential Direct Contact Soil Cleanup Criteria (NRDCSCC) and Non-Residential Direct Contact Soil Remediation Standards (NRDCSRS) in analytical results and that lead was not detected in the groundwater at this location. The corrective measures are:

1. NFA proposed for soil;
2. Continue LRMs for groundwater, until all the LNAPL is removed to the extent practicable;
3. ISCO treatment for benzene concentrations >100 µg/L in groundwater, supplemented by enhanced bioremediation, if necessary:
4. MNA and filing a CEA for groundwater.

The ISCO treatment was completed on February 2, 2017, and the PBR Monitoring Report (PMR) has been submitted. However, preliminary monitoring is still ongoing. The LNAPL PDI summary was submitted, and LRM activities are ongoing. The in-situ chemical fixation (ISCF) PDI has been completed, and the ISS/ESS NFA determination for soil only was approved on January 10, 2017. I

EY4A LNAPL Area (AOC 6b, AOC 16b)

The HSWA Permit for the Facility lists the final corrective measures for LNAPL as removal of LNAPL to the extent practicable. LRMs have been implemented in EY4A to stabilize LNAPL, reduce its volume, and mitigate LNAPL acting as a potential source of dissolved phase impacts to groundwater. Current LRMs in EY4A consist of an absorbent sock in RW-92. The LRMs have reduced LNAPL from a maximum thickness of 5 feet to between 0.06 foot and non-measurable amounts as of fourth quarter 2019. LRMs will continue as needed to address the ongoing LNAPL within the EY4A LNAPL area. The EY4A LNAPL Area is encompassed by two separate functional areas identified as AOC 6b and AOC 16b. A status update for the corrective measures undertaken in each area is included below.

AOC 6b

AOC 6b was identified during field activities between September through October 1991 while installing groundwater monitoring wells and piezometers. Petroleum material was observed at eight borings. The corrective measures are:

1. containment consisting of a cap with filing a deed notice afterwards for arsenic concentrations >20 mg/kg in surface soil; and
2. further evaluation of the groundwater.

The IWP for the arsenic cap has been submitted for approval in November 2019. Implementation of the approved work plan began in February 2020 and work was completed in March, 2020. Additionally, a Deed Notice will be filed as an institutional control for this area.

AOC 16b

AOC 16b includes the oily water sewer system in the East Yard and includes a large portion of the East Yard. The corrective measures are:

1. ISCO treatment for organic contaminants in soil, supplemented by enhanced bioremediation, if required;
2. Excavation, ESS and disposal in CAMU for BaP concentrations >10 mg/kg and TCLP lead levels >5 mg/L in soil;

3. Containment consisting of a cap and filing a deed notice afterwards for arsenic concentrations >20 mg/kg in surface soil;
4. ISS for TCLP lead levels <5 mg/L and lead levels >800 mg/kg in soil, as well as lead concentrations >50 µg/L, and filing a deed notice afterwards;
5. ISCO treatment for benzene concentrations >I00 µg/L in groundwater, supplemented by enhanced bioremediation, if required;
6. In-situ geochemical stabilization for arsenic groundwater concentrations >60 µg/L using direct injection and/or reactive barrier wall; and
7. MNA and filing a CEA for groundwater.

The ISCO PDI for EY1 and EY3 has been completed. The EY1 IWP PBR/DGW permit was received, and the corrective measure is complete. The EY3 no further investigation (NFI) proposal was submitted. The PDI for Area 1 of the arsenic cap has been completed and the NFA request submitted. The ISS/ESS IWP for the Area 1 corrective measure has been completed. The PDIs for ISS/ESS Area 2 and Area 3 have been completed. The ISS/ESS Area 3 NFI request has been submitted. The LRM (EY3) PDI and (EY4a) PDI have been completed, and the EY3 NFA request submitted. Engineering controls in the form of a cap have been completed for the arsenic impacts in surficial soil. A Deed Notice will be filed as an institutional control for this area.

EY4B LNAPL Area (AOC 26, AOC 14)

The HSWA Permit for the Facility lists the final corrective measures for LNAPL as removal of LNAPL to the extent practicable. LRMs have been implemented in EY4B to stabilize LNAPL and reduce the volume of LNAPL. LRMs in EY4B include use of an absorbent sock to remove LNAPL. LRMs have resulted in the reduction of LNAPL from a maximum thickness of 0.98 foot to non-detectable amounts by fourth quarter 2019. LRMs will continue as needed to address any LNAPL within the EY4B LNAPL area. The EY4B LNAPL Area is encompassed by two separate functional areas identified as SWMU 26 and AOC 14. A status update for the corrective measures undertaken in each area is included below.

AOC 26

AOC 26 consists of the East Yard Bunker Slab located in the East Yard within the footprint of the EY4b LNAPL area. The corrective measures are:

1. ISCO treatment for organic contaminants in soil, supplemented by enhanced bioremediation, if required;
2. Filing of a deed notice for BaP concentrations <10 mg/kg and >0.66 mg/kg;
3. Containment consisting of a cap and filing a deed notice afterwards for arsenic concentrations >20 mg/kg in surface soil; and
4. A proposed NFA determination for groundwater.

An NFA determination for groundwater was proposed in HSWA Permit Renewal. The LRM PDIs for PAOC 15 and EY4b have been completed. The arsenic cap IWP was submitted in October 2019, and cap construction was completed during first quarter 2020.

AOC 14

AOC 14 consists of Oily Fill Area III. Oily fill was observed in soil borings B-9, B-10, B-12, B-17, B-18 and B-19 in the East Yard. The corrective measures are:

1. ISCO treatment for organic contaminants in soil, supplemented by enhanced bioremediation, if required;
2. Containment consisting of a cap and filing a deed notice afterwards for arsenic concentrations >20 mg/kg in surface soil;
3. ISS for lead in soil and filing a deed notice afterwards;
4. Filing a deed notice for BaP concentrations <10 mg/kg and >0.66 mg/kg;
5. In-situ geochemical stabilization for arsenic groundwater concentrations >60 µg/L using direct injection and/or reactive barrier wall; and
6. MNA and filing a CEA for groundwater.

On October 16, 2017, an excavation IWP to address benzene-impacted soil within AOC 14/26 was submitted to the NJDEP and USEPA. Although ISCO was the proposed CM under the HSWA Permit Renewal, Chevron recommended excavation due to site characteristics and presence of several underground utilities and aboveground structures that limited access to the impacted locations. Excavation was completed in AOC 14/26 during first quarter 2018.

Post-remediation performance monitoring for ISCO will continue during first quarter 2020. In conjunction with AOC 14 and SWMU 26, capping for arsenic-impacted surficial soil was completed during first quarter 2020. Groundwater monitoring results will be evaluated and a corrective measures IWP for ISCF in AOC 14/SWMU 26 was completed and submitted to USEPA during first quarter 2020. AOC 14 was combined with SWMU 26 and this area is being addressed as a single area referred to as AOC 14/26.

Responses to Comments

Comments Applicable to All PDI Areas:

NJDEP Comment:

Remediation of Free and Residual LNAPL: As part of Section 1 of each PDI is the statement that LRMs for free phase LNAPL Remedial Measures (LRMs) may be the final remedy in areas where:

a) **There are no corrective measures for other COCs, e.g., a ground water or soil CMI concentration for active remediation is not exceeded in the LNAPL area. CMI action levels are not NJDEP remediation standards.**

b) **There isn't a continuing LNAPL source. The source of LNAPL in most areas is not definitively known, but at most locations it may be inferred that there is not a continuing LNAPL release to the area, although there may still be LNAPL present and dissolved impacts.**

c) **The migration of dissolved phase impacts has stabilized. A stable plume indicates an ongoing source of dissolved COCs. This contradicts the Technical Requirements for Site Remediation (TRSR) to remediate free and residual product and does not recognize the exclusion of MNA (also referred to as "natural source zone depletion" in the LNAPL Technical Guidance document) as a free/residual product remedial action alternative.**

d) **Engineering or institutional controls can be implemented to ensure protection of human health and the environment. Engineering controls, e.g., capping, cut off wall, etc., to isolate or contain LNAPL at the PDI areas has not been previously identified in these areas. Institutional controls (deed restriction, CEA) to document a soil or ground water impact are not remediation.**

These 4 criteria are not consistent with TRSR at Section 5.1(e) for the remediation of free and residual LNAPL, as implemented through department regulations, technical guidance and policy documents. LNAPL area investigations need to ensure that ground water data is representative of free and residual LNAPL areas, flow conditions, and migration pathways (natural and preferential) for delineation, remediation, monitoring and/or receptor evaluation decisions.

Chevron Response:

The LRMs chosen are being implemented as part of a larger, property-wide scope of work. The LRMs are designed to eliminate identified LNAPL and follow the requirements set forth in the Hazardous and Solid Waste Amendments Permit of 2013 (HSWA Permit). Additional comments are listed below:

a) The CMI Action Levels and the associated proposed remedies have been approved as the remedial strategy and target for this project by the EPA and NJDEP as outlined in the HSWA Permit. Through the remedies proposed, all areas where LNAPL has been identified along with related constituents will be fully addressed in accordance with the TRSR Section 5.1(e). The final remedies outlined in the PDI documents represent actions taken to address LNAPL specifically. Any identified dissolved phase contamination will be addressed as part of the CMI. The LRMs outlined may be the only actions taken in these areas to address LNAPL, but additional remedial measures will be implemented as

required to address remaining contaminants as part of the site-wide corrective measures program.

b) Areas where LNAPL is identified are monitored until multiple lines of evidence suggest that the LNAPL in the area of concern has been fully addressed in accordance with the approved methods and in a way consistent with TRSR section 5.1(e). Any residual dissolved impacts are being addressed as part of site-wide remedial efforts under the CMI and are therefore not specifically addressed by LRMs for individual LNAPL areas.

c) The plume is defined as being stable in areas where LNAPL recovery shows a decreasing trend in LNAPL volume and no periodic or long-term increases in LNAPL volume which would be indicative of an ongoing source.

d) Engineering and Institutional controls are recommended and implemented for specific AOCs where appropriate within the larger project scope and in a manner that is protective of human health and the environment. Institutional controls are not intended to be used as a remedial measure in the absence of any engineering controls.

NJDEP Comment:

2-Methynaphthalene: EPH soil analyses is not conducted at the site, but soil samples are analyzed for VOCs and, frequently, SVOCs. The SVOC analysis provides 2-methylnaphthalene data that is required when EPH data exceeds specific concentrations. Soil and ground water data summary figures include naphthalene, but also need to include 2-methylnaphthalene. The default IGW soil screening concentration for 2-methylnaphthalene is 8 mg/kg. The GWQS is 30 ug/L.

Chevron Response:

The Site is being remediated to the CMI Action Levels as dictated by the HSWA Permit. The analytical results highlighted in summary tables represent the contaminants of concern (COCs) that have been determined to be the primary drivers of the remedial actions developed for the Site. The analytical parameters chosen for each AOC have been selected in accordance with the approved Corrective Measures Study (Chevron 2008) and the HSWA Permit. The analyses completed include a full list of VOC and SVOC compounds including 2-methylnapthalene; however, these additional analytical results are not highlighted in the included summary tables. This data is included as part of the complete laboratory reports included with the regulatory submittals. EPH has not been analyzed as part of this project scope. The remediation standards that analytical results are compared to have been chosen in accordance with the HSWA Permit.

NJDEP Comment:

VOC TICs and SVOC TICs: LNAPL investigation area ground water analyses need to include these parameters.

Chevron Response:

The analytical parameters chosen for each AOC are dictated by the approved Corrective Measures Study and the HSWA Permit. The Site is being remediated to the CMI Action levels approved by the EPA and NJDEP for the contaminants of concern previously identified on the site. The parameters that have been chosen, represent the primary COCs which are the drivers of the overall remediation strategy. Table 1 summarizes the analytical parameters being used in each of the LNAPL areas discussed.

Table 1: Groundwater Monitoring Analytical Parameters by LNAPL Area

LNAPL Area	SWMU/AOC	GW Sampling Program	Analytical Parameters
NF3	SWMU 35 and AOC 16a	Post Remediation	VOC, SVOC, TAL Metals
NF4	SWMU 31	LNAPL	VOC, SVOC, TAL Metals
NF5	AOC 8 and AOC 15	Post Remediation	VOC, SVOC, TAL Metals
SWMU 40	SWMU 40	Post Remediation	VOC, SVOC, TAL Metals
SWMU 41	SWMU 41	Post Remediation	VOC, SVOC, TAL Metals
SSPL	SWMU 11B	Post Remediation	BTEX
EY4A	AOC 6b and AOC 16b	LNAPL	BTEX, TAL Metals
EY4B	AOC 26 and AOC 14	LNAPL	BTEX, TAL Metals

These parameters were agreed upon by the NJDEP/EPA and dictated by the terms of the HSWA Permit. The VOC+TICs and SVOC+TICs analysis results are being collected during regular groundwater monitoring and included in the complete laboratory reports submitted with the regulatory submittals. The VOC TICs and SVOC TICs results will also be highlighted in data summary tables for future submissions.

NJDEP Comment:

LNAPL Investigation Areas in Proximity to Woodbridge Creek: The areas included in the PDI report that may have a relationship to Woodbridge Creek include: NF3 LNAPL Area, NF4 LNAPL Area, NF5 LNAPL Area, SWMU 41 LNAPL Area, and SWMU 40 LNAPL Area. (Comment 4 continued Page 3 of 9).

a) **Woodbridge Creek and shoreline areas of investigation need to be integrated. PDI data summary figures need to include the locations of Woodbridge Creek sediment samples and sediment data/LNAPL descriptions and depths.**

b) **Data summary figures need to include the locations of historic tidal channel(s), and any changes to the locations of those channels. Historic tidal channels may continue to influence flow and contaminant migration. Please see historic aerial photos and topo maps as well as SITE DRAWINGS (e.g., drawings provided for SWMU 40 have references to drawing sheets in adjacent areas and other drainage/wastewater management figures).**

c) **Data gaps in the site perimeter with respect to upland areas of concern and Woodbridge Creek need to be evaluated.**

   i. **There are no sample locations identified between the NF4 LNAPL Area, or the SWMU 31 separator basins, and the Woodbridge Creek. This area would be west of the effluent plant discharge point which may be in the path of a former tidal channel. The separator basins were constructed in the 1950s. This area is not represented by MW-0030 that is east of the discharge point/former tidal channel to the Woodbridge Creek.**

   ii. **NF4 flow conditions need additional information on separator construction. If the separators are similar to the SWMU 40 No.1 Separator, they could be a**

barrier to shallow ground water flow. Investigation locations need to consider flow paths around/under the separator basins.

iii. **The monitor well locations at SWMU 40 along the Woodbridge Creek (MW-126, MW-0033) leave an area with LNAPL impacts (U040-borings) in between. This area must be evaluated with Woodbridge Creek sediment samples as LNAPL descriptions extend to 24' bgs (U040-007).**

Chevron Response:

a) The Woodbridge Creek sampling was performed by TRC under a separate scope of work. The sediment sampling investigation in Woodbridge Creek by TRC was summarized in a work plan dated November 19, 2018, titled *Supplemental Field Sampling and Analysis Plan Arthur Kill, Spa Spring Creek and Woodbridge Creek Former Chevron Perth Amboy Facility 1200 Maurer Road, Perth Amboy – Middlesex County* and submitted to the USEPA. Consideration was given to impacted upland areas when sediment sample locations included in this plan were selected.

   A comprehensive investigation of Woodbridge Creek was conducted by TRC in September 2019. This comprehensive sampling event included the collection of dozens of samples along the entire length of the Woodbridge Creek that borders the Site in addition to upstream background samples. The results of this investigation were evaluated with respect to upland impacts identified and investigated during the CMI. The results from the sediment investigation and the integrated evaluation of upland impacts in conjunction with the sediment results was submitted to the USEPA and NJDEP in the Final Supplemental Sediment Investigation Report dated May 18, 2020.

b) As mentioned in the August 21, 2019, RTC letter from TRC to Mr. Ricardito Vargas at the USEPA – Region 2, “The LNAPL areas proximal to the waterways were presented at the meeting on Facility maps and discussed with respect to their current status. It was noted that the LNAPL areas have been significantly reduced in mass and extent, that LNAPL is immobile, and that the reduced LNAPL areas are not current sources of sediment contamination to adjacent waterways.” The following was stated in the July 2, 2019 RTC letter: “The LNAPL areas were previously defined, are currently undergoing remediation, and as stated in the 2003 BEE, ’Pathways for contaminant migration from SWMUs and AOCs to environmentally sensitive natural resources do not appear to be complete.’ It should be noted that the above text refers to the then current LNAPL conditions, which have further improved (reduced) over the intervening 16 years. However, the text was not intended to dismiss the possible historical LNAPL mobility or related potential discharges no longer evident today. This will be clarified in a final sediment report that will include the results of the sediment sampling obtained from implementation of the Supplemental Field Sampling and Analysis Plan (SFSAP).” A detailed discussion of upland impacts relative to adjacent waterways is included in the Final Supplemental Sediment Investigation Report dated May 18, 2020.

c) Based on the investigations completed by TRC and others, including 20 years of groundwater flow and analytical data, any potential areas of concern which may exist have been adequately documented and addressed in accordance with the HSWA permit. No evidence has been encountered of LNAPL existing in areas outside of those already identified and there is no evidence of LNAPL in Woodbridge Creek. A detailed discussion of upland impacts relative to adjacent waterways is included in the Final Supplemental Sediment Investigation Report dated May 18, 2020.

NJDEP Comment:

Continuous/Discontinuous LNAPL Areas: LNAPL is described as being present in discontinuous lenses of fly ash, catalyst beads, sand lenses, etc., in the upper aquifer unit which is frequently fill. This may limit mobility of free phase LNAPL, but not dissolved constituents. The TRSR make no distinctions on the connectivity of LNAPL areas with respect to remediation of free and residual LNAPL. Limitations on LNAPL mobility are a problem with LNAPL recovery remedial actions (e.g., additional passive LNAPL collection points of disconnected lenses or some other means to enhance recovery may be needed) but are not a justification to leave LNAPL in place. LNAPL associated with catalyst beads from refining operations also indicate on-site disposal of refining waste materials.

Chevron Response

The LRMs implemented for each AOC include the removal of free phase LNAPL as part of their design. It is not the intention of the LRMs implemented to leave free phase LNAPL in place. However, dissolved constituents in groundwater will be addressed as part of the greater CMI project scope and groundwater sampling plan. The LRMs are intended for the removal of free phase LNAPL and not the ongoing monitoring and/or remediation of the groundwater quality. Remediation and post-remedial monitoring are being performed in accordance with the methods outlined in the HSWA Permit for the SWMU or AOC the LNAPL is associated with. Additionally, the purpose of the LNAPL PDIs was to evaluate LNAPL areas for primary contaminants of concern (PCOCs) above the CMI action level. Areas where PCOCs were identified above the CMI action levels were treated with the appropriate CM in accordance with the HSWA Permit.

NJDEP Comment:

Method for Clearing Boring Locations: The PDI focus at each area was to evaluate free phase LNAPL entry to a temporary well. Hand auger and air cleared borings to 5' or 8' bgs were installed at three locations, 2' apart. Then a central boring (about 1 foot from each auger/air knife location) was installed by direct push methods. This method allowed for obtaining an intact boring from an interval that has traditionally been lost to evaluation due to air clearing of the upper interval at other locations, but:

a) **Will air injection at three locations around a boring location bias soil VOC results low?**

b) **Will air injection at three locations around a boring location interfere with LNAPL entry to a TW?**

Are there means to minimize any affects? Could there be a delay in installation of the cleared boring location to allow the area to re-equilibrate (e.g. do all clearing borings and then come back to do actual boring for testing)? Is there a way to minimize air pressure necessary to clear the hole (which might take longer)? Chevron does a thorough evaluation of existing drawings and employs geophysical methods to evaluate utilities in an investigation area. In clearing boring locations by the triangle method, how many times did a boring location have to be relocated?

Chevron Response:

The triangle method is employed out of an abundance of caution for the safety of all parties involved and is therefore required. However, every effort is taken to minimize the amount of disturbance created by the air clearing.

a) Due to the depth of the borings and soil profile it is not likely that significant VOC loss would occur. The air injections disturb only a limited area, and the soils are tight enough

to reduce potential VOC loss in the soil interval which is being screened. Furthermore, the hand clearing and sampling do not occur at the same time. It is typical that days and, in some cases, weeks may pass between each activity. As a result of this lapse in time, there is a chance for the area to re-equilibrate. The attached Table 1 includes the date boring locations were cleared and when the sample drilling occurred.

b) Although Chevron does a thorough evaluation of existing drawings and employs geophysical methods to evaluate utilities in an investigation area, these techniques do not fully substitute the need for visual observation. Geophysical methods have limited effectiveness in fill material and do not always provide accurate information with the precision necessary to ensure worker safety. Boring locations are moved with some frequency to accommodate an adequate amount of space to work safely.

c) The presence of LNAPL is primarily observed at depths greater than 5 feet within the water table and smear zone and are therefore not affected by the air knifing which is being performed at the surface to less than 5 feet below grade. Therefore, it is not likely that the air injections disturb enough area as to have any impact on LNAPL entry.

NJDEP Comment:

Evaluation of Ground Water and Soil Sample Results in Proximity to Surface Water: Where soil and ground water data is obtained in proximity to, or along flow paths toward surface water, sediment screening criteria and surface water quality standards/criteria need to be part of the data evaluation and receptor evaluations.

Available saline surface water standards/criteria include:
Arsenic: aquatic-acute - 69 ug/L; aquatic chronic - 36 ug/L; human health - 0.061 ug/L
Copper: aquatic-acute - 4.8 ug/L; aquatic chronic - 3.1 ug/L
Lead: aquatic-acute - 210 ug/L; aquatic chronic - 24 ug/L
Zinc: aquatic-acute - 90 ug/L; aquatic chronic - 81 ug/L
Benzene: human health - 3.3 ug/L

Available saline water sediment screening criteria include:
Arsenic: ER-L-8.2 mg/kg; ER-M-70 mg/kg
Copper: ER-L34 mg/kg; ER-M-370 mg/kg
Lead: ER-L-47 mg/kg; ER-M-218 mg/kg
Zinc: ER-L-150 mg/kg; ER-M-410 mg/kg
Benzene: ER-L-0.34 mg/kg
2-methylnaphthalene: ER-L-0.070 mg/kg; ER-M-0.67 mg/kg
Naphthalene: ER-L-0.16 mg/kg; ER-M-2.1 mg/kg
Several PAH compounds also have sediment screening levels

Chevron Response:

The distribution of sampling and the prescribed sampling analysis for each SWMU/AOC are determined by the conditions encountered in that SWMU/AOC (i.e., source of contamination, contaminated media, and potential exposure pathways). The analytical parameters selected for each sample location are chosen in accordance with the HSWA Permit and as outlined in the Corrective Measures Study.

NJDEP Comment:

Changes in Ground Water Flow Conditions: PDI evaluations need to consider changes in ground water flow conditions in evaluating changes in LNAPL collection.

a) **Remedial actions at SWMU 1, SWMU 2 and in the area of SWMU 43 affected flow conditions due to mounding against and diversion around sheet piling/slurry walls and likely raised the water table in the NF4 area.**

b) **East Yard flow conditions may vary with repair of AOC 29 berth revetment and/or other shore structures.**

c) **The number of wells has increased in all Yard areas providing greater resolution of flow conditions. June 2015 and October 2016 contour maps (provided on the PDI data CD) provide greater resolution than the more recent October 2017 contour map (large number of wells inaccessible due to flooding and/or wells abandoned for excavation/soil mixing remedial actions) until access conditions and replacement wells are installed.**

Chevron Response:

As part of the overall project scope, groundwater flow conditions are continuously monitored and updated quarterly to provide guidance for all remedial actions implemented at the Site. Therefore, the most current groundwater contour map is included with all submissions. The groundwater contour map has been continuously updated since the initial submission of the PDI reports in August 2017. The most recent update includes data collected through second quarter 2019.

The monitoring of groundwater flow conditions considers remedial actions that may have been taken in specific areas of concern. The implementation of corrective actions are adjusted as needed to accommodate for changes in on-site conditions which may impact the efficacy of the remedial measure.

PDI Specific Observations and Comments:

NJDEP Comment:

NF3 LNAPL Area: The conclusion states that NF3 LNAPL is associated with SWMU 35 and AOC 16A. SVOCs were not included at TW-ground water sample locations included in the PDI, or at MW-0072 and RW-21. 2-methylnaphthalene was not detected at MW-375 (within a part of the LNAPL area). 2-methylnaphthalene was identified below 30 ug/L at MW-395 (outside of LNAPL area).

a) **The NF3 area was not part of the SWMU 35 ISCO (soil mixing) remediation area (PBR issued March 2018).**

b) **Limited quantities of LNAPL were identified at S4326, S4323 and S4324 in proximity to the ISCO-Soil-NF7 treatment area where soil benzene exceeded 13 mg/kg within or near NF3-LNAPL limits.**

c) **MW-0072 and RW-21 should be sampled for SVOCs.**

Chevron Response

Since 2-methylnapthalene was not detected within the LNAPL source area, it is not believed to be a COC originating within NF3 LNAPL area. It was therefore not further analyzed. The limited quantities of LNAPL identified at S4326, S4323 and S4324 in proximity to the ISCO Soil NF7 treatment area are being addressed as part of the SWMU 35 ISCO area as detailed in the January

2018 *Remediation for Benzene Impacts Implementation Work Plan, Solid Waste Management Unit 35* which was previously submitted.

NJDEP Comment:

NF4 LNAPL Area: NF4 is between SWMU 2 (Surge Pond) and SWMU 31 (Effluent Treatment Plant Area). The HSWA permit renewal identified NFA for ground water. Three PDI TWs accumulated 0.8', 0.1' and trace levels of LNAPL. MW-0070 has passive LNAPL recovery. The continued presence of LNAPL at historic LNAPL location H0330 (5.5') was not confirmed. NF4TP2 boring did not identify LNAPL toward Woodbridge Creek. VOC and SVOC soil data was not included from this location. PDI soil samples identified 2-methylnaphthalene at S4155 (72 mg/kg); S4156 (120 mg/kg); S4158 (25 mg/kg). SVOC data at MW-0070 was not included in the summary table. MW-205/206 are southwest of MW-0070, not toward Woodbridge Creek.

a) **Evaluate the MW-0070 well screen elevation and ground water elevations to ensure it continues to be screened across the water table to allow for LNAPL recovery. Installation of the SWMU 2 slurry wall and SWMU 1 sheet piling may have altered ground water elevations and LNAPL recovery.**

b) **The former tidal channel needs to be shown on the site figures. It may have been incorporated into the SWMU 31 or SWMU 35 discharge point, and then the effluent treatment plant discharge point. This area needs to be evaluated with Woodbridge Creek sediment sample locations and data.**

c) **The CSM for ground water flow in this area needs to consider the former tidal channel to Woodbridge Creek and subsurface utilities as potential preferential pathways, and barriers to ground water flow (separation units, slurry wall around the Surge Pond). Additional information on utilities and separators may be available on construction and drainage system drawings.**

d) **2-methylnaphthalene is elevated at PDI borings S4155, S4156, S4158. SVOC data is not available at MW-0070.**

e) **There are no ground water samples between the NF4 LNAPL area, or the separator basins, and Woodbridge Creek. This should be evaluated.**

Chevron Response:

a) MW-0070 is screened from 1 to 11 feet below grade. Groundwater is encountered at approximately 4 to 5 feet below grade within MW-0070 which is well within the screened interval of the well.

b) A detailed discussion of upland impacts relative to adjacent waterways is included in the Final Supplemental Sediment Investigation Report dated May 18, 2020.

c) Based on routine (annual, semi-annual and quarterly) groundwater sampling of the robust monitor well network, which includes a total of 588 monitor wells that have been sampled over decades in addition to sentinel wells (sampled quarterly), it is believed that groundwater flow has been fully characterized and no data gaps exist in our understanding of potential contaminant flow. Groundwater contours are updated with each semi-annual gauging event. A review of the contour maps shows that groundwater flow does not change and remains consistent on site. Any preferential pathways have already been identified and addressed as part of the CSM.

d) 2-methylnapthalene data will be included for MW-0070 in data packages for future submissions where SVOCs were analyzed as part of regular groundwater sampling events.

e) The NF4 LNAPL Area is associated with SWMU 31. LRMs include monthly monitoring of MW-0070. Measurable LNAPL was not detected in the NF4 LNAPL Area during the reporting period. The PDI Summary Report was submitted to USEPA and NJDEP in August 2017. The report concluded that LNAPL in the NF4 LNAPL area has been delineated and requested an NFA determination. LRM activities and monitoring will be continued until an NFA determination is issued. Since the LNAPL has been delineated, there is no indication that this area is at risk for containing LNAPL.

NJDEP Comment:

NF5 LNAPL Area: NF5 is associated with PAOC 35, AOC 8, AOC 15, AOC 41. Consider the aerial photos for this area from between 1947 and 1963. They indicate the creation of impoundments just west of the tanks that existed before AST 305 and 306. The NF5 LNAPL Area appears to be in the NE corner of the lower impoundment (the ISCO-S-NFI5 area – not part of this PDI - may be related to the northern portion of the upper impoundment). Features in the below photos should be considered.

Chevron Response

Based on a review of the information provided by NJDEP, it is believed that this area has been adequately addressed as part of the overall investigations completed in the NF5 area. Based on a review of the referenced historical aerials, it is not clear that any additional impoundments were constructed during this time. Although the quality of the 1947-1963 aerial photography is poor, it appears that the tanks were replaced while maintaining the existing infrastructure.

NJDEP Comment:

SWMU 40 LNAPL Area: The LNAPL PDI was conducted May - July 2014. LNAPL concerns were identified during review of the SWMU 40 IWP for ESS of soil lead and benzo(a)pyrene since LNAPL and other COC remediations are separate actions. Based on the November 2017 CCR, the SWMU 40 ESS IWP was implemented December 2015-January 2016: Area A removed soil 4-13.5' bgs; Area B removed soil 4-10.5' bgs; Area C removed soil 6-9' bgs. Soils requiring stabilization were mixed in place prior to removal to the CAMU.

a) **The CCR LNAPL-related observations were provided as requested:**

   i. **Petroleum staining in excavated soil and at excavation sidewalls.**

   ii. **Dewatering was described as not necessary - ground water was encountered in the eastern part of Area B that required drainage of excavated soil prior to transport to CAMU.**

b) **Based on aerial photos of the No.1 separator location and the shape of SWMU 40, the site figures should be considered representational. Aerial photos should be reviewed, as well as the notes/descriptions/piping included on the Main Yard drainage figure for SWMU 40. Photos show the progressive filling around the basin and the No.1 separator, and the SWMU 40 basin itself. The Main Yard drainage figure provided with the SWMU 40 IWP noted filling a "ditch adjacent to separator". Area B and parts of Area A appear to have been outside of the SWMU 40 limits and next to the separator. Portions of Area A and Area C appear to have been largely within the former basin and/or basin wall.**

c) **Woodbridge Creek sediment sample locations and data located in the SWMU 40 area need to be included on figures. LNAPL was observed at borings along Woodbridge Creek from 9.9-12' bgs, and 10-24' bgs (U040-001, 007, 008) located between MW-0033 and MW-126.**

d) **Soil copper concentrations (over 600 mg/kg) are highlighted in the soil data tables but copper was not included in the data summary figures (S0803, S0805, S4267, S4355, S4359, S4362). Copper has a low ecological sediment screening level and low aquatic life surface water quality criteria.**

e) **2-methynaphthalene soil data needs to be included in data summary figures (S4267, S4350, S4354, S4355, S4359, S4360). 2-methylnaphthalene also has a low ecological screening level, default impact to ground water screening level and a GWQS. PAHs are identified in soil samples that also have low ecological sediment screening levels. The area of highest naphthalene (S4355, 1100 mg/kg) is between MW-0033 and MW-126.**

f) **Locations of elevated soil benzene and xylenes at S2171, S2172 and S4267 are on the upland side of the closed in place No.1 separator. Ground water will likely be diverted around the separator structure. Existing monitor wells are not well placed to characterize ground water impacts from these areas. Temporary well data was not included in the PDI summary tables.**

Chevron Response:

a) Chevron acknowledges the USEPA/NJDEP comment.

b) The areas described fall within the established boundary of SWMU 40 and are being addressed as part of the approved workplan for this SWMU. As per the First Quarter 2020 Progress Report, an ISCO PDI Work Plan was prepared in 2016, and fieldwork commenced in Fourth Quarter 2016. The PDI was completed in 2018. The results of the PDI were incorporated into an ISCO IWP which was submitted to NJDEP/USEPA on February 26, 2020. Soil excavation was initiated in March 2020 and soil mixing will be implemented during Third Quarter 2020. The post implementation monitoring plan will also ensure the effectiveness of the remedial measure and ensure no contaminants remain within the treatment area or immediately surrounding area.

c) A detailed discussion of upland impacts relative to adjacent waterways is included in the Final Supplemental Sediment Investigation Report dated May 18, 2020.

d) Copper concentrations will be added to summary tables for future submissions. Ecological Screening Criteria will be used for comparison purposes if appropriate, dependent on the sample location and in accordance with the requirements of the HSWA Permit.

e) 2-methynaphthalene concentrations will be added to summary tables for future submissions. The sample results will be compared to the remediation standards required by the HSWA Permit.

f) If deemed to be necessary by on-site conditions, new monitoring wells will be installed as part of the ongoing remedial actions at the Facility. The locations of any additional monitoring wells will be determined following a careful review of all the available groundwater data and associated modeling. However, at this time, no additional monitoring wells are anticipated outside of those included in the approved work plans.

NJDEP Comment

SWMU 41 LNAPL Area: Copper and/or zinc, and PAH compounds, are located at depth along the Woodbridge Creek at limited borings based on "Figure 1, SWMU 41 LNAPL AREA SOIL RESULTS".

a) **Woodbridge Creek sediment sample results and locations need to be included on figures for the SWMU 41 area.**

Residual LNAPL was identified in the deepest boring below 10' bgs (S4673). Surrounding borings were shallower.

b) **Provide RW-11, MW-0030 and MW-136 well construction information to consider with boring log information in the LNAPL area. There do not appear to be any targeted compound detections.**

c) **Please provide a summary of MW-0030 data. MW-0031 data was provided.**

Outside of the SWMU 41 LNAPL area, 2-methylnaphthalene was highest at S1382. This area is targeted for soil benzene remediation (ISCO-S-NF10) and is just outside of the AOC 23/AOC 411SWMU 18 remedial action area.

d) **S1382 remedial actions also need to consider the 2-methylnaphthalene data.**

Chevron Response

a) A detailed discussion of upland impacts relative to Woodbridge Creek is included in the Final Supplemental Sediment Investigation Report dated May 18, 2020.

b) The data and well construction information for RW-11, MW-0030 and MW-136 is attached to this response.

c) A summary of the MW-0030 data is attached to this response.

d) Benzene is the primary driver of remedial actions for this AOC; however, the ISCO treatments in this area are likely to have a secondary effect of reducing 2-methylnapthalene concentrations. Concentrations of COCs other than benzene will be evaluated during and after the ISCO treatments are completed.

NJDEP Comment

SSPL LNAPL Area: LNAPL PDI completed in 2015. A PBR for ISCO soil mixing was issued November 30, 2016. Soil with visible LNAPL and PID > 500 ppm was to be removed from the area. The PDI figures appear to indicate that the treatment into the approved "extension" areas was not necessary.

Elevated copper (over 600 mg/kg) and zinc (over 1500 mg/kg) (the CMI action levels) was identified in the soil tables at generally shallow depths. The copper range was up to 7150 mg/kg. The zinc range was up to 12000 mg/kg. These locations (except for S4620) were within the soil treatment cells. Removal of the soil above a treatment zone depth was approved for staging and reuse at a similar zone. This likely mixed any elevated soil with lower concentration soil.

At TP2-018, benzene and 2-methylnaphthalene exceed GWQS through the 2015 data sets. Xylenes and naphthalene historically exceeded GWQS. PAH compounds also exceeded standards. The data predates the ISCO remedial action.

a) **Post-implementation monitoring needs to include 2-methylnaphthalene.**

Chevron Response:

As per the *In-Situ Chemical Oxidation Permit-By-Rule Monitoring Report Solid Waste Management Unit 11b* dated November 2018 and submitted to the NJDEP/EPA, the entire SSPL LNAPL area was excavated and all impacted soil and LNAPL was removed for proper disposal as per the HSWA permit requirements. Post-implementation monitoring is being conducted in accordance with the approved HSWA Permit and approved permits and work plans for this treatment area. This post-implementation monitoring includes a full analysis of VOC and SVOC contaminants which include 2-methylnapthalene.

NJDEP Comment

EY4A LNAPL Area: LNAPL PDI was completed in 2014. An ISCO PBR discharge authorization overlapping the PDI investigation area was issued June 3, 2015.

Aside from the PBR discharge authorization for a localized area, the conclusion with respect to LNAPL is that "LRMs will continue as needed". There are no plans to reevaluate LNAPL remedial alternatives based on where LNAPL was identified, shown to enter a TW, and where current passive LNAPL collection points are located. This is not consistent with the TRSR and LNAPL recovery Technical Guidance.

Chevron Response:

The remediation is being conducted under the parameters set forth by the 2013 HSWA Permit. The LRMs implemented are appropriate and sufficient remedial measures under this agreement. The remedial approach is guided by the TRSR and LNAPL Technical Guidance to the extent applicable under the HSWA Permit. The LNAPL areas have been fully delineated as per the TRSR and LNAPL recovery Technical Guidance. Additionally, no new LNAPL areas have been identified as part of the implementation of corrective measures throughout the Facility.

NJDEP Comment:

EY4B LNAPL Area: PDI 2015 was implemented in 2015. Limited amounts of LNAPL entered new temporary wells.

a) **Soil data summary tables need to include 2-methylnaphthalene.**

b) **There is limited SVOC ground water quality data. Data was only located for MW-254 and 255. SVOC analysis is needed at additional wells within and along other flow paths from impacted areas. With the location of LNAPL and AOCs near the shoreline structures, flow may be affected by the shoreline barrier and be variable.**

Chevron Response:

a) 2-methylnapthalene results are included in the complete laboratory packages submitted with each report submission. However, 2-methylnapthalene results will be included in summary tables for future submissions for any samples that are analyzed for SVOCs.

b) The groundwater sampling plans are evaluated after each sampling or gauging event to determine if additional sampling may be necessary to accommodate for changing groundwater conditions.

Summary

The PDI Reports referenced herein were submitted in accordance with the HSWA permit to detail the corrective measures taken to address LNAPL encountered throughout the Facility. Each PDI details the corrective measures chosen in accordance with the HSWA approved remedies.

Corrective measures for each SWMU and AOC were selected based on the nature of contamination in each area and agreed upon by EPA and Chevron. The specific corrective measure chosen to address the LNAPL and overall contamination in each SWMU and AOC are summarized in the updated PDI Summaries document. As per the HSWA Permit, each LNAPL area was assigned to a specific SWMU or AOC to facilitate the removal of LNAPL to the extent practicable in each area. This document outlines the continued removal of LNAPL (LRMs) as needed to meet the requirements of the HSWA Permit. The specific approach taken to address LNAPL in each SWMU and AOC is detailed in the PDI Summaries.

Tables

Table 1
Date of Boring Clearance and Sampling

Boring ID	Date of Utility Clearance	Date of Drilling and Sampling
S4059	12/3/2013	12/6/2013
S4060	12/17/2013	12/18/2013
S4061	11/15/2013	11/26/2013
S4062	11/15/2013	11/25/2013
S4063	11/15/2013	11/26/2013
S4064	12/2/2013	12/6/2013
S4065	11/15/2013	12/16/2013
S4066	12/3/2013	12/5/2013
S4067	12/3/2013	12/5/2013
S4068	11/14/2013	11/25/2013
S4069	11/14/2013	11/21/2013
S4070	11/14/2013	11/21/2013
S4071	12/2/2013	12/5/2013
S4072	12/2/2013	12/4/2013
S4073	12/2/2013	12/4/2013
S4074	12/2/2013	12/4/2013
S4075	11/14/2013	11/25/2013
S4029	4/24/2014	5/5/2014
S4030	4/24/2014; 5/5/2014; 5/19/2014	5/28/2014
S4031	4/23/2014	5/5/2014
S4032	4/22/2014	5/5/2014
S4033	4/21/2014	5/2/2014
S4036	3/28/2014	4/4/2014
S4037	4/8/2014	4/9/2014
S4038	3/31/2014	4/4/2014
S4039	4/1/2014	4/7/2014
S4041	4/4/2014	4/7/2014
S4042	4/10/2014	4/10/2014
S4045	4/9/2014	4/10/2014
S4049	4/3/2014	4/29/2014
S4050	4/2/2014	4/8/2014
S4052	4/2/2014	4/8/2014
S4053	4/3/2014	4/9/2014
S4054	4/9/2014	4/10/2014
S4040	4/25/2014	4/29/2014
S4056	4/25/2014	4/29/2014
S4271	4/22/2014; 5/5/2014	5/7/2014
S4273	4/17/2014; 5/5/2014	5/7/2014
S4274	4/17/2014	5/6/2014
S4278	4/17/2014; 5/5/2014	5/7/2014
S4270	4/22/2014	5/7/2014
S4275	4/17/2014	5/6/2014
S4277	4/17/2014	5/6/2014
S4163	4/16/2014	4/28/2014
S4164	4/16/2014	4/28/2014

Table 1
Date of Boring Clearance and Sampling

Boring ID	Date of Utility Clearance	Date of Drilling and Sampling
S4165	4/14/2014	5/1/2014
S4166	4/11/2014	5/2/2014
S4167	4/16/2014	5/1/2014
S4168	4/14/2014	5/2/2014
S4171	4/11/2014 and 4/14/2014	5/1/2014
S4293	4/11/2014	4/11/2014

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5
			Sample Date	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999
			SDG	E20285	E39280	E39280	90656	93965
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	N	30	-	-	-	-	-
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	-	-	-	-
1,1,2-Trichloroethane	ug/L	N	3	-	-	-	-	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	-	-	-	-
1,1-Dichloroethane	ug/L	N	50	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	N	9	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	-	-	-	-
1,2-Dibromoethane	ug/L	N	NS	0.36U	5.0U	-	0.5U	0.52U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	1.1U	-	5.9U	13U	11U
1,2-Dichloroethane	ug/L	N	2	0.85U	2.0U	-	2U	2.0U
1,2-Dichloropropane	ug/L	N	1	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	N	600	1.5U	-	5.9U	13U	11U
1,4-Dichlorobenzene	ug/L	N	75	1.5U	-	5.9U	13U	11U
1,4-Dioxane	ug/L	N	NS	120U	500U	-	500U	500U
1-Methyl-naphthalene	ug/L	N	NS	10U	-	5.9U	13U	11U
2,4,5-Trichlorophenol	ug/L	N	700	-	-	-	-	-
2,4,6-Trichlorophenol	ug/L	N	20	-	-	-	-	-
2,4-Dichlorophenol	ug/L	N	20	-	-	-	-	-
2,4-Dimethylphenol	ug/L	N	100	2.8U	-	5.9U	13U	11U
2,4-Dinitrophenol	ug/L	N	40	1.3U	-	24U	27U	22U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5
			Sample Date	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999
			SDG	E20285	E39280	E39280	90656	93965
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	N	NS	-	-	-	-	-
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	1U	5.0U	-	10U	10U
2-Chloronaphthalene	ug/L	N	600	-	-	-	-	-
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	-	-	-	-
2-Hexanone	ug/L	N	NS	-	-	-	-	-
2-Methyl-Naphthalene	ug/L	N	NS	2U	-	5.9U	13U	11U
2-Methylphenol (o-Cresol)	ug/L	N	NS	1.7U	-	5.9U	13U	11U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	-	-	-	-
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	-	-	-	-
3 & 4-Methylphenol	ug/L	N	NS	2.4U	-	5.9U	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	-	-	-	-
3-Nitroaniline	ug/L	N	NS	-	-	-	-	-
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	-	-	-	-
4-Bromophenylphenylether	ug/L	N	NS	-	-	-	-	-
4-Chloroaniline	ug/L	N	30	-	-	-	-	-
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	-	-	-	-
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	-	-	-	-
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	-	-	-	-
4-Nitroaniline	ug/L	N	NS	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5
			Sample Date	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999
			SDG	E20285	E39280	E39280	90656	93965
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	0.77U	-	24U	27U	22U
6-Methylchrysene	ug/L	N	NS	-	-	5.9U	13U	11U
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	10U	-	5.9U	13U	11U
Acenaphthene	ug/L	N	400	-	-	-	-	-
Acenaphthylene	ug/L	N	NS	-	-	-	-	-
Acetone	ug/L	N	6000	-	-	-	-	-
Acetophenone	ug/L	N	700	-	-	-	-	-
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-	-
Aluminum	ug/L	N	200	-	-	-	-	-
Ammonia Nitrogen As N	ug/L	N	NS	-	-	-	-	-
Anthracene	ug/L	N	2000	1.6U	-	5.9U	13U	11U
Antimony	ug/L	N	6	**34.5**	-	5.0U	3.66	2.39U
Arsenic	ug/L	N	60	30.1	-	5.0U	4.18U	4.18U
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	-	-	-	-	-
Barium	ug/L	N	6000	208	-	200U	46.7	139
Benzaldehyde	ug/L	N	NS	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5
			Sample Date	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999
			SDG	E20285	E39280	E39280	90656	93965
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	0.47U	1.0U	-	1U	1.0U
Benzenethiol	ug/L	N	NS	10U	-	12U	13U	11U
Benzo(a)anthracene	ug/L	N	0.1	1.2U	-	5.9U	13U	11U
Benzo(a)pyrene	ug/L	N	0.1	1.2U	-	5.9U	13U	11U
Benzo(b)fluoranthene	ug/L	N	0.2	2.5U	-	5.9U	13U	11U
Benzo(g,h,i)perylene	ug/L	N	NS	-	-	-	-	-
Benzo(k)fluoranthene	ug/L	N	0.5	1.8U	-	5.9U	13U	11U
Beryllium	ug/L	N	1	5U	-	5.0U	0.930	**1.07**
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	-	-	-	-
bis(2-Chloroethyl) ether	ug/L	N	7	-	-	-	-	-
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	N	3	2.1U	-	5.9U	13U	1
Bromodichloromethane	ug/L	N	1	-	-	-	-	-
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	-	-	-	-	-
Bromomethane (Methyl bromide)	ug/L	N	10	-	-	-	-	-
Butylbenzylphthalate	ug/L	N	100	2.1U	-	5.9U	13U	11U
Cadmium	ug/L	N	4	**4.4**	-	4.0U	1.06	1.46
Calcium	ug/L	N	NS	-	-	-	-	-
Caprolactam	ug/L	N	NS	-	-	-	-	-
Carbazole	ug/L	N	NS	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5
			Sample Date	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999
			SDG	E20285	E39280	E39280	90656	93965
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	1U	5.0U	-	5U	5.0U
Carbon Tetrachloride	ug/L	N	1	-	-	-	-	-
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	**7350000**	-	-	8270	**11200000**
Chlorobenzene	ug/L	N	50	0.4U	4.0U	-	4U	4.0U
Chloroethane	ug/L	N	NS	-	-	-	-	-
Chloroform	ug/L	N	70	0.44U	5.0U	-	5U	5.0U
Chloromethane (Methyl chloride)	ug/L	N	NS	-	-	-	-	-
Chromium	ug/L	N	70	**134**	-	**74.9**	36.2	15.2
Chrysene	ug/L	N	5	0.83U	-	5.9U	13U	11U
cis-1,2-Dichloroethene	ug/L	N	70	-	-	-	-	-
cis-1,3-Dichloropropene	ug/L	N	NS	-	-	-	-	-
Cobalt	ug/L	N	NS	50U	-	50U	1.48	1.21
Copper	ug/L	N	1300	-	-	46.8	-	-
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	-	-	-	-
Di-n-butylphthalate	ug/L	N	700	2.2U	-	5.9U	13U	11U
Di-n-octylphthalate	ug/L	N	100	1.6U	-	5.9U	13U	11U
Dibenz(a,h)anthracene	ug/L	N	0.3	1.4U	-	5.9U	13U	11U
Dibenzo(a,h)acridine	ug/L	N	NS	10U	-	5.9U	13U	11U
Dibenzofuran	ug/L	N	NS	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5
			Sample Date	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999
			SDG	E20285	E39280	E39280	90656	93965
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	-	-	-	-
Diethylphthalate	ug/L	N	6000	2.7U	-	5.9U	13U	11U
Dimethyl phthalate	ug/L	N	NS	3U	-	5.9U	13U	11U
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	-	-	-	-
Ethylbenzene	ug/L	N	700	0.36U	5.0U	-	5U	5.0U
Fluoranthene	ug/L	N	300	1.3U	-	5.9U	13U	11U
Fluorene	ug/L	N	300	-	-	-	-	-
Hexachlorobenzene	ug/L	N	0.02	-	-	-	-	-
Hexachlorobutadiene	ug/L	N	1	-	-	-	-	-
Hexachlorocyclopentadiene	ug/L	N	40	-	-	-	-	-
Hexachloroethane	ug/L	N	7	-	-	-	-	-
Indene	ug/L	N	NS	10U	-	5.9U	13U	11U
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	-	-	-	-
Iron	ug/L	N	300	-	-	-	-	-
Iron	ug/L	Y	300	-	-	-	-	-
Isophorone	ug/L	N	40	-	-	-	-	-
Isopropylbenzene	ug/L	N	NS	-	-	-	-	-
Lead	ug/L	N	50	**438**	-	3.0U	0.957U	0.957U
Magnesium	ug/L	N	NS	-	-	-	-	-
Manganese	ug/L	N	50	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5
			Sample Date	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999
			SDG	E20285	E39280	E39280	90656	93965
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	0.53	-	0.20U	0.229	0.2U
Methyl acetate	ug/L	N	7000	-	-	-	-	-
Methyl-t-butyl ether	ug/L	N	70	-	-	-	-	-
Methylcyclohexane	ug/L	N	NS	-	-	-	-	-
Methylene chloride (Dichloromethane)	ug/L	N	3	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	N	10	-	-	-	-	-
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	-	-	-	-
Naphthalene	ug/L	N	300	1.6U	-	5.9U	13U	11U
Nickel	ug/L	N	100	**174**	-	82.3	29.7	18.8
Nitrobenzene	ug/L	N	6	-	-	-	-	-
Nitrogen, Nitrate as N	ug/L	N	NS	-	-	-	-	-
Nitrogen, Nitrite	ug/L	N	NS	-	-	-	-	-
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	-	-	-	-
Pentachlorophenol	ug/L	N	0.3	-	-	-	-	-
Phenanthrene	ug/L	N	NS	2.1U	-	5.9U	13U	11U
Phenol	ug/L	N	2000	0.67U	-	5.9U	13U	11U
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	-	-	-	-	-
Pyrene	ug/L	N	200	1.6U	-	5.9U	13U	11U
Pyridine	ug/L	N	NS	10U	-	5.9U	13U	11U

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			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5
			Sample Date	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999
			SDG	E20285	E39280	E39280	90656	93965
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	10U	-	5.9U	13U	11U
Residue, Filterable	ug/L	N	NS	13000000	-	-	15500	19400000
Selenium	ug/L	N	40	7.9	-	5.0U	20.5	5.29
Silver	ug/L	N	40	-	-	10U	-	-
Sodium	ug/L	N	50000	-	-	-	-	-
Styrene	ug/L	N	100	0.37U	5.0U	-	5U	5.0U
Sulfate (SO4)	ug/L	N	250000	-	-	-	-	-
Sulfide	ug/L	N	NS	-	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	-	-	-	13U	11U
Tetrachloroethene	ug/L	N	1	-	-	-	-	-
Thallium	ug/L	N	2	-	-	-	-	-
Toluene	ug/L	N	600	0.36U	5.0U	-	5U	5.0U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	-	-	-	-
trans-1,3-Dichloropropene	ug/L	N	NS	-	-	-	-	-
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5
			Sample Date	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999
			SDG	E20285	E39280	E39280	90656	93965
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	50U	-	50U	0.930	0.189U
Vinyl chloride (Chloroethene)	ug/L	N	1	1.3U	-	-	-	-
Xylene (total)	ug/L	N	1000	0.62U	5.0U	-	5U	5.0U
Zinc	ug/L	N	2000	-	-	385	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030A6	M030A7X	M030A7Y	M030A8	M030A9
			Sample Date	02/01/2000	11/09/2000	11/14/2000	03/28/2001	01/29/2002
			SDG	00399	B2465	B2465	E88311	269988
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	-	-	-	-
1,1,1-Trichloroethane	ug/L	N	30	-	-	-	-	-
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	-	-	-	-
1,1,2-Trichloroethane	ug/L	N	3	-	-	-	-	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	-	-	-	-
1,1-Dichloroethane	ug/L	N	50	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	N	9	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	-	-	-	-
1,2-Dibromoethane	ug/L	N	NS	0.52U	0.5U	-	2.0U	1.00U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	10U	0.4	-	2.2U	10.0U
1,2-Dichloroethane	ug/L	N	2	2.0U	-	-	2.0U	1.00U
1,2-Dichloropropane	ug/L	N	1	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	N	600	10U	12U	-	2.2U	10.0U
1,4-Dichlorobenzene	ug/L	N	75	10U	12U	-	2.2U	10.0U
1,4-Dioxane	ug/L	N	NS	500U	500U	-	100U	-
1-Methyl-naphthalene	ug/L	N	NS	10U	12U	-	2.2U	10.0U
2,4,5-Trichlorophenol	ug/L	N	700	-	-	-	-	-
2,4,6-Trichlorophenol	ug/L	N	20	-	-	-	-	-
2,4-Dichlorophenol	ug/L	N	20	-	-	-	-	-
2,4-Dimethylphenol	ug/L	N	100	10U	12U	-	5.4U	10.0U
2,4-Dinitrophenol	ug/L	N	40	20U	25U	-	22U	25.0U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030A6	M030A7X	M030A7Y	M030A8	M030A9
			Sample Date	02/01/2000	11/09/2000	11/14/2000	03/28/2001	01/29/2002
			SDG	00399	B2465	B2465	E88311	269988
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	N	NS	-	-	-	-	-
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	10U	10U	-	5.0U	2.00U
2-Chloronaphthalene	ug/L	N	600	-	-	-	-	-
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	-	-	-	-
2-Hexanone	ug/L	N	NS	-	-	-	-	-
2-Methyl-Naphthalene	ug/L	N	NS	10U	12U	-	-	10.0U
2-Methylphenol (o-Cresol)	ug/L	N	NS	10U	12U	-	5.4U	10.0U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	-	-	-	-
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	-	-	-	-
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	-	-	-	-
3-Nitroaniline	ug/L	N	NS	-	-	-	-	-
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	-	-	-	-
4-Bromophenylphenylether	ug/L	N	NS	-	-	-	-	-
4-Chloroaniline	ug/L	N	30	-	-	-	-	-
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	-	-	-	-
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	-	-	-	-
4-Methylphenol (p-Cresol)	ug/L	N	NS	10U	12U	-	5.4U	10.0U
4-Nitroaniline	ug/L	N	NS	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030A6	M030A7X	M030A7Y	M030A8	M030A9
			Sample Date	02/01/2000	11/09/2000	11/14/2000	03/28/2001	01/29/2002
			SDG	00399	B2465	B2465	E88311	269988
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	20U	25U	-	22U	25.0U
6-Methylchrysene	ug/L	N	NS	10U	-	-	5.4U	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	10U	12U	-	5.4U	10.0U
Acenaphthene	ug/L	N	400	-	-	-	-	-
Acenaphthylene	ug/L	N	NS	-	-	-	-	-
Acetone	ug/L	N	6000	-	-	-	-	-
Acetophenone	ug/L	N	700	-	-	-	-	-
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-	-
Aluminum	ug/L	N	200	**490000**	-	-	-	-
Ammonia Nitrogen As N	ug/L	N	NS	-	12U	-	-	10.0U
Anthracene	ug/L	N	2000	10U	12U	-	2.2U	10.0U
Antimony	ug/L	N	6	3.11	-	5.0U	5.0U	5U
Arsenic	ug/L	N	60	4.52	-	5.8B*	5.0U	5.0U
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	-	-	-	-	-
Barium	ug/L	N	6000	71.8	-	83.5B*	200U	49.0
Benzaldehyde	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030A6	M030A7X	M030A7Y	M030A8	M030A9
			Sample Date	02/01/2000	11/09/2000	11/14/2000	03/28/2001	01/29/2002
			SDG	00399	B2465	B2465	E88311	269988
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	1.0U	1U	-	1.0U	1.00U
Benzenethiol	ug/L	N	NS	10U	120U	-	11U	100.0U
Benzo(a)anthracene	ug/L	N	0.1	10U	12U	-	2.2U	10.0U
Benzo(a)pyrene	ug/L	N	0.1	10U	12U	-	2.2U	10.0U
Benzo(b)fluoranthene	ug/L	N	0.2	10U	12U	-	2.2U	10.0U
Benzo(g,h,i)perylene	ug/L	N	NS	-	-	-	-	-
Benzo(k)fluoranthene	ug/L	N	0.5	10U	12U	-	2.2U	10.0U
Beryllium	ug/L	N	1	0.177U	-	0.50U	5.0U	4.0U
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	-	-	-	-
bis(2-Chloroethyl) ether	ug/L	N	7	-	-	-	-	-
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	N	3	10U	12U	-	2.2U	3.000
Bromodichloromethane	ug/L	N	1	-	-	-	-	-
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	-	-	-	-	-
Bromomethane (Methyl bromide)	ug/L	N	10	-	-	-	-	-
Butylbenzylphthalate	ug/L	N	100	10U	12U	-	2.2U	10.0U
Cadmium	ug/L	N	4	1.47	-	4.0B*	4.0U	1.0U
Calcium	ug/L	N	NS	482000	-	-	-	-
Caprolactam	ug/L	N	NS	-	-	-	-	-
Carbazole	ug/L	N	NS	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030A6	M030A7X	M030A7Y	M030A8	M030A9
			Sample Date	02/01/2000	11/09/2000	11/14/2000	03/28/2001	01/29/2002
			SDG	00399	B2465	B2465	E88311	269988
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	5.0U	5U	-	5.0U	1.00U
Carbon Tetrachloride	ug/L	N	1	-	-	-	-	-
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	**10100000**	-	**14800000**	26400	**11400000**
Chlorobenzene	ug/L	N	50	4.0U	4U	-	2.0U	1.00U
Chloroethane	ug/L	N	NS	-	-	-	-	-
Chloroform	ug/L	N	70	5.0U	5U	-	5.0U	1.00U
Chloromethane (Methyl chloride)	ug/L	N	NS	-	-	-	-	-
Chromium	ug/L	N	70	7.11	-	12.6	10U	9.000
Chrysene	ug/L	N	5	10U	12U	-	2.2U	10.0U
cis-1,2-Dichloroethene	ug/L	N	70	-	-	-	-	-
cis-1,3-Dichloropropene	ug/L	N	NS	-	-	-	-	-
Cobalt	ug/L	N	NS	2.94	-	2.6B*	50U	20.0U
Copper	ug/L	N	1300	-	-	-	-	-
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	-	-	-	-
Di-n-butylphthalate	ug/L	N	700	10U	12U	-	2.2U	10.0U
Di-n-octylphthalate	ug/L	N	100	10U	12U	-	2.2U	4.000
Dibenz(a,h)anthracene	ug/L	N	0.3	10U	12U	-	2.2U	10.0U
Dibenzo(a,h)acridine	ug/L	N	NS	10U	12U	-	5.4U	10.0U
Dibenzofuran	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030A6	M030A7X	M030A7Y	M030A8	M030A9
			Sample Date	02/01/2000	11/09/2000	11/14/2000	03/28/2001	01/29/2002
			SDG	00399	B2465	B2465	E88311	269988
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	-	-	-	-
Diethylphthalate	ug/L	N	6000	10U	0.8	-	2.2U	10.0U
Dimethyl phthalate	ug/L	N	NS	10U	12U	-	2.2U	10.0U
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	-	-	-	-
Ethylbenzene	ug/L	N	700	5.0U	5U	-	1.0U	1.00U
Fluoranthene	ug/L	N	300	10U	12U	-	2.2U	10.0U
Fluorene	ug/L	N	300	-	-	-	-	-
Hexachlorobenzene	ug/L	N	0.02	-	-	-	-	-
Hexachlorobutadiene	ug/L	N	1	-	-	-	-	-
Hexachlorocyclopentadiene	ug/L	N	40	-	-	-	-	-
Hexachloroethane	ug/L	N	7	-	-	-	-	-
Indene	ug/L	N	NS	10U	12U	-	5.4U	100.0U
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	-	-	-	-
Iron	ug/L	N	300	**239000**	-	-	-	-
Iron	ug/L	Y	300	-	-	-	-	-
Isophorone	ug/L	N	40	-	-	-	-	-
Isopropylbenzene	ug/L	N	NS	-	-	-	-	-
Lead	ug/L	N	50	0.957U	-	10.0U	6.8	3.0U
Magnesium	ug/L	N	NS	479000	-	-	-	-
Manganese	ug/L	N	50	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030A6	M030A7X	M030A7Y	M030A8	M030A9
			Sample Date	02/01/2000	11/09/2000	11/14/2000	03/28/2001	01/29/2002
			SDG	00399	B2465	B2465	E88311	269988
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	0.2U	-	0.10U	0.20U	0.20U
Methyl acetate	ug/L	N	7000	-	-	-	-	-
Methyl-t-butyl ether	ug/L	N	70	-	-	-	-	-
Methylcyclohexane	ug/L	N	NS	-	-	-	-	-
Methylene chloride (Dichloromethane)	ug/L	N	3	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	N	10	-	-	-	-	-
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	-	-	-	-
Naphthalene	ug/L	N	300	10U	12U	-	2.2U	10.0U
Nickel	ug/L	N	100	21.1	-	100	40U	13.00
Nitrobenzene	ug/L	N	6	-	-	-	-	-
Nitrogen, Nitrate as N	ug/L	N	NS	-	-	-	-	-
Nitrogen, Nitrite	ug/L	N	NS	-	-	-	-	-
o-Xylene	ug/L	N	NS	-	5U	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	-	-	-	-
Pentachlorophenol	ug/L	N	0.3	-	-	-	-	-
Phenanthrene	ug/L	N	NS	10U	12U	-	2.2U	10.0U
Phenol	ug/L	N	2000	10U	12U	-	5.4U	10.0U
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	240000	-	-	-	-
Pyrene	ug/L	N	200	10U	12U	-	2.2U	10.0U
Pyridine	ug/L	N	NS	10U	12U	-	2.2U	10.0U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030A6	M030A7X	M030A7Y	M030A8	M030A9
			Sample Date	02/01/2000	11/09/2000	11/14/2000	03/28/2001	01/29/2002
			SDG	00399	B2465	B2465	E88311	269988
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	10U	12U	-	5.4U	10.0U
Residue, Filterable	ug/L	N	NS	17800000	-	20800000	16300000	20600000
Selenium	ug/L	N	40	2.04U	-	5.0U	5.0U	5.0U
Silver	ug/L	N	40	-	-	-	-	-
Sodium	ug/L	N	50000	**239000**	-	-	-	-
Styrene	ug/L	N	100	5.0U	5U	-	5.0U	1.00U
Sulfate (SO4)	ug/L	N	250000	-	-	-	-	-
Sulfide	ug/L	N	NS	-	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	10U	-	-	-	-
Tetrachloroethene	ug/L	N	1	-	-	-	-	-
Thallium	ug/L	N	2	-	-	-	-	-
Toluene	ug/L	N	600	5.0U	5U	-	1.0U	1.00U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	-	-	-	-
trans-1,3-Dichloropropene	ug/L	N	NS	-	-	-	-	-
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030A6	M030A7X	M030A7Y	M030A8	M030A9
			Sample Date	02/01/2000	11/09/2000	11/14/2000	03/28/2001	01/29/2002
			SDG	00399	B2465	B2465	E88311	269988
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	0.189U	-	1.0U	50U	20.0U
Vinyl chloride (Chloroethene)	ug/L	N	1	-	-	-	1.0U	-
Xylene (total)	ug/L	N	1000	5.0U	5U	-	5.0U	1.0U
Zinc	ug/L	N	2000	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B1	M030B2	M030B2T	M030B3X	M030B3Y
			Sample Date	03/21/2002	07/31/2002	08/14/2002	12/04/2002	12/05/2002
			SDG	HPA02	295373	297195	RFE43	RFE45
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	-	-	-	0.8U
1,1,1-Trichloroethane	ug/L	N	30	-	-	-	-	0.8U
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	-	-	-	1U
1,1,2-Trichloroethane	ug/L	N	3	-	-	-	-	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	-	-	-	2U
1,1-Dichloroethane	ug/L	N	50	-	-	-	-	1U
1,2,4-Trichlorobenzene	ug/L	N	9	-	-	-	-	1U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	-	-	-	2U
1,2-Dibromoethane	ug/L	N	NS	-	1.00U	2.00U	-	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	-	12.5U	11.1U	-	1U
1,2-Dichloroethane	ug/L	N	2	-	1.00U	2.00U	-	1U
1,2-Dichloropropane	ug/L	N	1	-	-	-	-	1U
1,3-Dichlorobenzene	ug/L	N	600	-	12.5U	11.1U	-	1U
1,4-Dichlorobenzene	ug/L	N	75	-	12.5U	11.1U	-	1U
1,4-Dioxane	ug/L	N	NS	-	10.0U	10.0U	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	12.5U	11.1U	-	-
2,4,5-Trichlorophenol	ug/L	N	700	-	-	-	-	1U
2,4,6-Trichlorophenol	ug/L	N	20	-	-	-	-	1U
2,4-Dichlorophenol	ug/L	N	20	-	-	-	-	1U
2,4-Dimethylphenol	ug/L	N	100	-	12.5U	11.1U	-	1U
2,4-Dinitrophenol	ug/L	N	40	-	12.5U	11.1U	-	19U

Notes:
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4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B1	M030B2	M030B2T	M030B3X	M030B3Y
			Sample Date	03/21/2002	07/31/2002	08/14/2002	12/04/2002	12/05/2002
			SDG	HPA02	295373	297195	RFE43	RFE45
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	-	-	-	1U
2,6-Dinitrotoluene	ug/L	N	NS	-	-	-	-	1U
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	-	50.0U	50.0U	-	3U
2-Chloronaphthalene	ug/L	N	600	-	-	-	-	1U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	-	-	-	1U
2-Hexanone	ug/L	N	NS	-	-	-	-	3U
2-Methyl-Naphthalene	ug/L	N	NS	-	12.5U	11.1U	-	1U
2-Methylphenol (o-Cresol)	ug/L	N	NS	-	12.5U	11.1U	-	1U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	-	-	-	1U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	-	-	-	1U
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	-	-	-	1U
3-Nitroaniline	ug/L	N	NS	-	-	-	-	1U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	-	-	-	5U
4-Bromophenylphenylether	ug/L	N	NS	-	-	-	-	-
4-Chloroaniline	ug/L	N	30	-	-	-	-	1U
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	-	-	-	1U
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	-	-	-	3U
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	12.5U	11.1U	-	2U
4-Nitroaniline	ug/L	N	NS	-	-	-	-	1U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B1	M030B2	M030B2T	M030B3X	M030B3Y
			Sample Date	03/21/2002	07/31/2002	08/14/2002	12/04/2002	12/05/2002
			SDG	HPA02	295373	297195	RFE43	RFE45
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	-	12.5U	11.1U	-	10U
6-Methylchrysene	ug/L	N	NS	-	12.5U	11.1U	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	62.5U	55.6U	-	-
Acenaphthene	ug/L	N	400	-	-	-	-	1U
Acenaphthylene	ug/L	N	NS	-	-	-	-	1U
Acetone	ug/L	N	6000	-	-	-	-	6U
Acetophenone	ug/L	N	700	-	-	-	-	2U
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	190000
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	410U
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	190000
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-	-
Aluminum	ug/L	N	200	-	-	-	47.7U	-
Ammonia Nitrogen As N	ug/L	N	NS	6300	-	-	-	-
Anthracene	ug/L	N	2000	-	12.5U	11.1U	-	1U
Antimony	ug/L	N	6	-	5.0U	5.0U	9.9U	-
Arsenic	ug/L	N	60	-	7.00	5.0U	7.9J	-
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	-	-	-	-	1U
Barium	ug/L	N	6000	-	107	107	105	-
Benzaldehyde	ug/L	N	NS	-	-	-	-	1U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B1	M030B2	M030B2T	M030B3X	M030B3Y
			Sample Date	03/21/2002	07/31/2002	08/14/2002	12/04/2002	12/05/2002
			SDG	HPA02	295373	297195	RFE43	RFE45
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	-	1.0U	2.0U	-	0.5U
Benzenethiol	ug/L	N	NS	-	125U	111U	-	-
Benzo(a)anthracene	ug/L	N	0.1	-	12.5U	11.1U	-	1U
Benzo(a)pyrene	ug/L	N	0.1	-	12.5U	11.1U	-	1U
Benzo(b)fluoranthene	ug/L	N	0.2	-	12.5U	11.1U	-	1U
Benzo(g,h,i)perylene	ug/L	N	NS	-	-	-	-	1U
Benzo(k)fluoranthene	ug/L	N	0.5	-	12.5U	11.1U	-	1U
Beryllium	ug/L	N	1	-	4.0U	4.0U	0.50U	-
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	-	-	-	1U
bis(2-Chloroethyl) ether	ug/L	N	7	-	-	-	-	1U
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	-	-	-	1U
bis(2-Ethylhexyl)phthalate	ug/L	N	3	-	12.5U	11.1U	-	2U
Bromodichloromethane	ug/L	N	1	-	-	-	-	1U
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	1U
Bromoform	ug/L	N	4	-	-	-	-	1U
Bromomethane (Methyl bromide)	ug/L	N	10	-	-	-	-	1U
Butylbenzylphthalate	ug/L	N	100	-	12.5U	11.1U	-	2U
Cadmium	ug/L	N	4	-	2.00	**6.00**	0.94U	-
Calcium	ug/L	N	NS	-	-	-	214000	-
Caprolactam	ug/L	N	NS	-	-	-	-	5U
Carbazole	ug/L	N	NS	-	-	-	-	1U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B1	M030B2	M030B2T	M030B3X	M030B3Y
			Sample Date	03/21/2002	07/31/2002	08/14/2002	12/04/2002	12/05/2002
			SDG	HPA02	295373	297195	RFE43	RFE45
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	-	1.00U	2.00U	-	1U
Carbon Tetrachloride	ug/L	N	1	-	-	-	-	1U
Carbonate	ug/L	N	NS	-	-	-	-	410U
Chloride	ug/L	N	250000	-	**12600000**	**18000000**	-	**11300000**
Chlorobenzene	ug/L	N	50	-	1.00U	2.00U	-	0.8U
Chloroethane	ug/L	N	NS	-	-	-	-	1U
Chloroform	ug/L	N	70	-	1.00U	2.00U	-	0.8U
Chloromethane (Methyl chloride)	ug/L	N	NS	-	-	-	-	1U
Chromium	ug/L	N	70	-	25.0	12.0	2.0U	-
Chrysene	ug/L	N	5	-	12.5U	11.1U	-	1U
cis-1,2-Dichloroethene	ug/L	N	70	-	-	-	-	0.8U
cis-1,3-Dichloropropene	ug/L	N	NS	-	-	-	-	1U
Cobalt	ug/L	N	NS	-	20.0U	25.0	2.1J	-
Copper	ug/L	N	1300	-	-	-	20.4J	-
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	-	-	-	2U
Di-n-butylphthalate	ug/L	N	700	-	12.5U	11.1U	-	2U
Di-n-octylphthalate	ug/L	N	100	-	12.5U	11.1U	-	2U
Dibenz(a,h)anthracene	ug/L	N	0.3	-	12.5U	11.1U	-	1U
Dibenzo(a,h)acridine	ug/L	N	NS	-	12.5U	11.1U	-	-
Dibenzofuran	ug/L	N	NS	-	-	-	-	1U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B1	M030B2	M030B2T	M030B3X	M030B3Y
			Sample Date	03/21/2002	07/31/2002	08/14/2002	12/04/2002	12/05/2002
			SDG	HPA02	295373	297195	RFE43	RFE45
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	-	-	-	1U
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	-	-	-	2U
Diethylphthalate	ug/L	N	6000	-	12.5U	11.1U	-	2U
Dimethyl phthalate	ug/L	N	NS	-	12.5U	11.1U	-	2U
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	-	-	-	1U
Ethylbenzene	ug/L	N	700	-	1.0U	2.0U	-	0.8U
Fluoranthene	ug/L	N	300	-	12.5U	11.1U	-	1U
Fluorene	ug/L	N	300	-	-	-	-	1U
Hexachlorobenzene	ug/L	N	0.02	-	-	-	-	1U
Hexachlorobutadiene	ug/L	N	1	-	-	-	-	1U
Hexachlorocyclopentadiene	ug/L	N	40	-	-	-	-	5U
Hexachloroethane	ug/L	N	7	-	-	-	-	1U
Indene	ug/L	N	NS	-	125U	111U	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	-	-	-	1U
Iron	ug/L	N	300	-	-	-	**15700**	-
Iron	ug/L	Y	300	-	-	-	-	-
Isophorone	ug/L	N	40	-	-	-	-	1U
Isopropylbenzene	ug/L	N	NS	-	-	-	-	1U
Lead	ug/L	N	50	-	3.0U	3.0U	8.9U	-
Magnesium	ug/L	N	NS	-	-	-	575000	-
Manganese	ug/L	N	50	-	-	-	**558**	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B1	M030B2	M030B2T	M030B3X	M030B3Y
			Sample Date	03/21/2002	07/31/2002	08/14/2002	12/04/2002	12/05/2002
			SDG	HPA02	295373	297195	RFE43	RFE45
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	-	0.20U	0.20U	0.079U	-
Methyl acetate	ug/L	N	7000	-	-	-	-	1U
Methyl-t-butyl ether	ug/L	N	70	-	-	-	-	1J
Methylcyclohexane	ug/L	N	NS	-	-	-	-	1U
Methylene chloride (Dichloromethane)	ug/L	N	3	-	-	-	-	2U
N-Nitrosodi-n-propylamine	ug/L	N	10	-	-	-	-	1U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	-	-	-	2U
Naphthalene	ug/L	N	300	-	12.5U	11.1U	-	1U
Nickel	ug/L	N	100	-	38.0	38.0	6.7J	-
Nitrobenzene	ug/L	N	6	-	-	-	-	1U
Nitrogen, Nitrate as N	ug/L	N	NS	400U	-	-	-	610
Nitrogen, Nitrite	ug/L	N	NS	40000U	-	-	-	35J
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	-	-	-	1U
Pentachlorophenol	ug/L	N	0.3	-	-	-	-	3U
Phenanthrene	ug/L	N	NS	-	12.5U	11.1U	-	1U
Phenol	ug/L	N	2000	-	12.5U	11.1U	-	1U
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	-	-	-	185000	-
Pyrene	ug/L	N	200	-	12.5U	11.1U	-	1U
Pyridine	ug/L	N	NS	-	12.5U	11.1U	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B1	M030B2	M030B2T	M030B3X	M030B3Y
			Sample Date	03/21/2002	07/31/2002	08/14/2002	12/04/2002	12/05/2002
			SDG	HPA02	295373	297195	RFE43	RFE45
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	12.5U	11.1U	-	-
Residue, Filterable	ug/L	N	NS	-	-	23500000	-	20000000
Selenium	ug/L	N	40	-	5.0U	5.0U	4.8U	-
Silver	ug/L	N	40	-	-	-	1.4U	-
Sodium	ug/L	N	50000	-	-	-	**4600000**	-
Styrene	ug/L	N	100	-	1.00U	2.00U	-	1U
Sulfate (SO4)	ug/L	N	250000	-	-	-	-	**1260000**
Sulfide	ug/L	N	NS	-	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	-	-	-	-	-
Tetrachloroethene	ug/L	N	1	-	-	-	-	0.8U
Thallium	ug/L	N	2	-	-	-	**11.0J**	-
Toluene	ug/L	N	600	-	1.0U	2.0U	-	0.7U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	3530000
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	-	-	-	0.8U
trans-1,3-Dichloropropene	ug/L	N	NS	-	-	-	-	1U
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	-	-	-	1U
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	-	-	-	2U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B1	M030B2	M030B2T	M030B3X	M030B3Y
			Sample Date	03/21/2002	07/31/2002	08/14/2002	12/04/2002	12/05/2002
			SDG	HPA02	295373	297195	RFE43	RFE45
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	-	20.0U	20.0U	1.7U	-
Vinyl chloride (Chloroethene)	ug/L	N	1	-	-	-	-	1U
Xylene (total)	ug/L	N	1000	-	1.0U	2.0U	-	0.8U
Zinc	ug/L	N	2000	-	-	-	142	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B4X	M030B4Y	M030B5	M030B5	M030B6
			Sample Date	03/13/2003	03/14/2003	06/19/2003	06/19/2003	09/03/2003
			SDG	RFE67	RFE67	RFE76	RFE77	RFE85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	0.8U	-	0.8U	0.8U
1,1,1-Trichloroethane	ug/L	N	30	-	0.8U	-	0.8U	0.8U
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	1U	-	1U	1U
1,1,2-Trichloroethane	ug/L	N	3	-	0.8U	-	0.8U	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	2U	-	2U	2U
1,1-Dichloroethane	ug/L	N	50	-	1U	-	1U	1U
1,2,4-Trichlorobenzene	ug/L	N	9	-	1U	-	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	2U	-	2U	2U
1,2-Dibromoethane	ug/L	N	NS	-	1U	-	1U	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	-	1U	-	1U	1U
1,2-Dichloroethane	ug/L	N	2	-	1U	-	1U	1U
1,2-Dichloropropane	ug/L	N	1	-	1U	-	1U	1U
1,3-Dichlorobenzene	ug/L	N	600	-	1U	-	1U	1U
1,4-Dichlorobenzene	ug/L	N	75	-	1U	-	1U	1U
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	-	1U	-	1U	1U
2,4,6-Trichlorophenol	ug/L	N	20	-	1U	-	1U	1U
2,4-Dichlorophenol	ug/L	N	20	-	1U	-	1U	1U
2,4-Dimethylphenol	ug/L	N	100	-	1U	-	1U	1U
2,4-Dinitrophenol	ug/L	N	40	-	20U	-	20U	20U

Notes:
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4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B4X	M030B4Y	M030B5	M030B5	M030B6
			Sample Date	03/13/2003	03/14/2003	06/19/2003	06/19/2003	09/03/2003
			SDG	RFE67	RFE67	RFE76	RFE77	RFE85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	1U	-	1U	1U
2,6-Dinitrotoluene	ug/L	N	NS	-	1U	-	1U	1U
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	-	3U	-	3U	3U
2-Chloronaphthalene	ug/L	N	600	-	1U	-	1U	1U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	1U	-	1U	1U
2-Hexanone	ug/L	N	NS	-	3U	-	3U	3U
2-Methyl-Naphthalene	ug/L	N	NS	-	1U	-	1U	1U
2-Methylphenol (o-Cresol)	ug/L	N	NS	-	1U	-	1U	1U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	1U	-	1U	1U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	1U	-	1U	1U
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	1U	-	1U	1U
3-Nitroaniline	ug/L	N	NS	-	1U	-	1U	1U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	5U	-	5U	5U
4-Bromophenylphenylether	ug/L	N	NS	-	-	-	1U	1U
4-Chloroaniline	ug/L	N	30	-	1U	-	1U	1U
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	1U	-	1U	1U
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	5JB	4JB
4-Methyl-2-pentanone	ug/L	N	NS	-	3U	-	3U	3U
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	2U	-	2U	2U
4-Nitroaniline	ug/L	N	NS	-	1U	-	1U	1U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B4X	M030B4Y	M030B5	M030B5	M030B6
			Sample Date	03/13/2003	03/14/2003	06/19/2003	06/19/2003	09/03/2003
			SDG	RFE67	RFE67	RFE76	RFE77	RFE85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	-	10U	-	10U	10U
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	-	1U	-	1U	1U
Acenaphthylene	ug/L	N	NS	-	1U	-	1U	1U
Acetone	ug/L	N	6000	-	6U	-	6U	6U
Acetophenone	ug/L	N	700	-	2U	-	2U	2U
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	189000	-
Alkalinity to pH 8.3	ug/L	N	NS	-	410U	-	410U	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	182000	-	189000	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-	-
Aluminum	ug/L	N	200	48U	-	41.3U	-	54.6J
Ammonia Nitrogen As N	ug/L	N	NS	-	4100	-	4700	1100
Anthracene	ug/L	N	2000	-	1U	-	1U	1U
Antimony	ug/L	N	6	9.9U	-	**23.9J**	-	8.5U
Arsenic	ug/L	N	60	4.9U	-	5.0J	-	7.1J
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	-	1U	-	1U	1U
Barium	ug/L	N	6000	70J	-	109	-	134
Benzaldehyde	ug/L	N	NS	-	1U	-	1U	1U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B4X	M030B4Y	M030B5	M030B5	M030B6
			Sample Date	03/13/2003	03/14/2003	06/19/2003	06/19/2003	09/03/2003
			SDG	RFE67	RFE67	RFE76	RFE77	RFE85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	-	0.5U	-	0.5U	0.5U
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	-	1U	-	1U	1U
Benzo(a)pyrene	ug/L	N	0.1	-	1U	-	1U	1U
Benzo(b)fluoranthene	ug/L	N	0.2	-	1U	-	1U	1U
Benzo(g,h,i)perylene	ug/L	N	NS	-	1U	-	1U	1U
Benzo(k)fluoranthene	ug/L	N	0.5	-	1U	-	1U	1U
Beryllium	ug/L	N	1	0.50U	-	0.34U	-	0.34U
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	1U	-	1U	1U
bis(2-Chloroethyl) ether	ug/L	N	7	-	1U	-	1U	1U
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	1U	-	1U	1U
bis(2-Ethylhexyl)phthalate	ug/L	N	3	-	2U	-	2U	2U
Bromodichloromethane	ug/L	N	1	-	1U	-	1U	1U
Bromofluorobenzene	ug/L	N	NS	-	1U	-	-	-
Bromoform	ug/L	N	4	-	1U	-	1U	1U
Bromomethane (Methyl bromide)	ug/L	N	10	-	1U	-	1U	1U
Butylbenzylphthalate	ug/L	N	100	-	2U	-	2U	2U
Cadmium	ug/L	N	4	0.94U	-	0.87U	-	0.87U
Calcium	ug/L	N	NS	206000	-	223000	-	250000
Caprolactam	ug/L	N	NS	-	5U	-	5U	5U
Carbazole	ug/L	N	NS	-	1U	-	1U	1U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B4X	M030B4Y	M030B5	M030B5	M030B6
			Sample Date	03/13/2003	03/14/2003	06/19/2003	06/19/2003	09/03/2003
			SDG	RFE67	RFE67	RFE76	RFE77	RFE85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	-	1U	-	1U	1U
Carbon Tetrachloride	ug/L	N	1	-	1U	-	1U	1U
Carbonate	ug/L	N	NS	-	410U	-	410U	-
Chloride	ug/L	N	250000	-	**10700000**	-	**10300000**	**11600000**
Chlorobenzene	ug/L	N	50	-	0.8U	-	0.8U	0.8U
Chloroethane	ug/L	N	NS	-	1U	-	1U	1U
Chloroform	ug/L	N	70	-	0.8U	-	0.8U	0.8U
Chloromethane (Methyl chloride)	ug/L	N	NS	-	1U	-	1U	1U
Chromium	ug/L	N	70	2.0U	-	2.2U	-	2.2U
Chrysene	ug/L	N	5	-	1U	-	1U	1U
cis-1,2-Dichloroethene	ug/L	N	70	-	0.8U	-	0.8U	0.8U
cis-1,3-Dichloropropene	ug/L	N	NS	-	1U	-	1U	1U
Cobalt	ug/L	N	NS	1.7U	-	6.8J	-	4.8J
Copper	ug/L	N	1300	91	-	107	-	63.5
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	2U	-	2U	2U
Di-n-butylphthalate	ug/L	N	700	-	2U	-	2U	2U
Di-n-octylphthalate	ug/L	N	100	-	2U	-	2U	2U
Dibenz(a,h)anthracene	ug/L	N	0.3	-	1U	-	1U	1U
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	-	1U	-	1U	1U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B4X	M030B4Y	M030B5	M030B5	M030B6
			Sample Date	03/13/2003	03/14/2003	06/19/2003	06/19/2003	09/03/2003
			SDG	RFE67	RFE67	RFE76	RFE77	RFE85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	1U	-	1U	1U
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	2U	-	2U	2U
Diethylphthalate	ug/L	N	6000	-	2U	-	2U	2U
Dimethyl phthalate	ug/L	N	NS	-	2U	-	2U	2U
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	1U	-	1U	1U
Ethylbenzene	ug/L	N	700	-	0.8U	-	0.8U	0.8U
Fluoranthene	ug/L	N	300	-	1U	-	1U	1U
Fluorene	ug/L	N	300	-	1U	-	1U	1U
Hexachlorobenzene	ug/L	N	0.02	-	1U	-	1U	1U
Hexachlorobutadiene	ug/L	N	1	-	1U	-	1U	1U
Hexachlorocyclopentadiene	ug/L	N	40	-	5U	-	5U	5U
Hexachloroethane	ug/L	N	7	-	1U	-	1U	1U
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	1U	-	1U	1U
Iron	ug/L	N	300	70J	-	287	-	**17300**
Iron	ug/L	Y	300	-	-	-	-	-
Isophorone	ug/L	N	40	-	1U	-	1U	1U
Isopropylbenzene	ug/L	N	NS	-	1U	-	1U	1U
Lead	ug/L	N	50	8.9U	-	9.3U	-	9.3U
Magnesium	ug/L	N	NS	546000	-	545000	-	600000
Manganese	ug/L	N	50	**350**	-	**476**	-	**805**

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B4X	M030B4Y	M030B5	M030B5	M030B6
			Sample Date	03/13/2003	03/14/2003	06/19/2003	06/19/2003	09/03/2003
			SDG	RFE67	RFE67	RFE76	RFE77	RFE85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	0.080U	-	0.16U	-	0.16U
Methyl acetate	ug/L	N	7000	-	1U	-	1U	1U
Methyl-t-butyl ether	ug/L	N	70	-	1J	-	2J	1J
Methylcyclohexane	ug/L	N	NS	-	1U	-	1U	1U
Methylene chloride (Dichloromethane)	ug/L	N	3	-	2U	-	2U	2U
N-Nitrosodi-n-propylamine	ug/L	N	10	-	1U	-	1U	1U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	2U	-	2U	2U
Naphthalene	ug/L	N	300	-	1U	-	1U	1U
Nickel	ug/L	N	100	20J	-	17.1J	-	17.4
Nitrobenzene	ug/L	N	6	-	1U	-	1U	1U
Nitrogen, Nitrate as N	ug/L	N	NS	-	-	-	320	1200
Nitrogen, Nitrite	ug/L	N	NS	-	15U	-	21J	15U
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	1U	-	1U	1U
Pentachlorophenol	ug/L	N	0.3	-	3U	-	3U	3U
Phenanthrene	ug/L	N	NS	-	1U	-	1U	1U
Phenol	ug/L	N	2000	-	1U	-	1U	1U
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	184000	-	193000	-	228000
Pyrene	ug/L	N	200	-	1U	-	1U	1U
Pyridine	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B4X	M030B4Y	M030B5	M030B5	M030B6
			Sample Date	03/13/2003	03/14/2003	06/19/2003	06/19/2003	09/03/2003
			SDG	RFE67	RFE67	RFE76	RFE77	RFE85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	19900000	-	-	-
Selenium	ug/L	N	40	4.8U	-	4.7U	-	4.7U
Silver	ug/L	N	40	1.4U	-	1.8U	-	1.8U
Sodium	ug/L	N	50000	**4720000**	-	**4580000**	-	**4630000**
Styrene	ug/L	N	100	-	1U	-	1U	1U
Sulfate (SO4)	ug/L	N	250000	-	**1410000**	-	**1060000**	-
Sulfide	ug/L	N	NS	-	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	-	7J	-	-	10JB
Tetrachloroethene	ug/L	N	1	-	0.8U	-	0.8U	0.8U
Thallium	ug/L	N	2	9.5U	-	8.9U	-	8.9U
Toluene	ug/L	N	600	-	0.7U	-	0.7U	0.7U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	**15400000**	**19600000**
Total Hardness	ug/L	N	NS	-	-	-	2820000	-
Total Hardness As Caco3	ug/L	N	NS	-	3640000	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	0.8U	-	0.8U	0.8U
trans-1,3-Dichloropropene	ug/L	N	NS	-	1U	-	1U	1U
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	1U	-	1U	1U
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	2U	-	2U	2U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B4X	M030B4Y	M030B5	M030B5	M030B6
			Sample Date	03/13/2003	03/14/2003	06/19/2003	06/19/2003	09/03/2003
			SDG	RFE67	RFE67	RFE76	RFE77	RFE85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	1.7U	-	1.7U	-	1.7U
Vinyl chloride (Chloroethene)	ug/L	N	1	-	1U	-	1U	1U
Xylene (total)	ug/L	N	1000	-	0.8U	-	0.8U	0.8U
Zinc	ug/L	N	2000	280	-	236	-	158

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B7-061704	M030B8	M030B8X	M030B9	M030B9X
			Sample Date	06/17/2004	10/06/2004	10/07/2004	06/08/2005	06/09/2005
			SDG	RFF14	RFF28	RFF28	946781	946781
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	-	0.8U	-	0.8U
1,1,1-Trichloroethane	ug/L	N	30	-	-	0.8U	-	0.8U
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	-	1U	-	1U
1,1,2-Trichloroethane	ug/L	N	3	-	-	0.8U	-	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	-	2U	-	2U
1,1-Dichloroethane	ug/L	N	50	-	-	1U	-	1U
1,2,4-Trichlorobenzene	ug/L	N	9	-	-	1U	-	1U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	-	2U	-	2U
1,2-Dibromoethane	ug/L	N	NS	-	-	1U	-	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	-	-	1U	-	1U
1,2-Dichloroethane	ug/L	N	2	-	-	1U	-	1U
1,2-Dichloropropane	ug/L	N	1	-	-	1U	-	1U
1,3-Dichlorobenzene	ug/L	N	600	-	-	1U	-	1U
1,4-Dichlorobenzene	ug/L	N	75	-	-	1U	-	1U
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	-	-	1U	-	10U
2,4,6-Trichlorophenol	ug/L	N	20	-	-	1U	-	10U
2,4-Dichlorophenol	ug/L	N	20	-	-	1U	-	10U
2,4-Dimethylphenol	ug/L	N	100	-	-	1U	-	30U
2,4-Dinitrophenol	ug/L	N	40	-	-	19U	-	200U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B7-061704	M030B8	M030B8X	M030B9	M030B9X
			Sample Date	06/17/2004	10/06/2004	10/07/2004	06/08/2005	06/09/2005
			SDG	RFF14	RFF28	RFF28	946781	946781
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	-	1U	-	10U
2,6-Dinitrotoluene	ug/L	N	NS	-	-	1U	-	10U
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	-	-	3U	-	3U
2-Chloronaphthalene	ug/L	N	600	-	-	1U	-	10U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	-	1U	-	10U
2-Hexanone	ug/L	N	NS	-	-	3U	-	3U
2-Methyl-Naphthalene	ug/L	N	NS	-	-	1U	-	10U
2-Methylphenol (o-Cresol)	ug/L	N	NS	-	-	1U	-	10U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	-	1U	-	10U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	-	1U	-	10U
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	-	1U	-	20U
3-Nitroaniline	ug/L	N	NS	-	-	1U	-	10U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	-	5U	-	50U
4-Bromophenylphenylether	ug/L	N	NS	-	-	1U	-	10U
4-Chloroaniline	ug/L	N	30	-	-	1U	-	10U
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	-	1U	-	10U
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	-	3U	-	3U
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	-	2U	-	20U
4-Nitroaniline	ug/L	N	NS	-	-	1U	-	10U

Notes:
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4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B7-061704	M030B8	M030B8X	M030B9	M030B9X
			Sample Date	06/17/2004	10/06/2004	10/07/2004	06/08/2005	06/09/2005
			SDG	RFF14	RFF28	RFF28	946781	946781
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	-	-	10U	-	100U
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	-	-	1U	-	10U
Acenaphthylene	ug/L	N	NS	-	-	1U	-	10U
Acetone	ug/L	N	6000	-	-	6U	-	9J
Acetophenone	ug/L	N	700	-	-	2U	-	20U
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-	-
Aluminum	ug/L	N	200	-	-	-	-	-
Ammonia Nitrogen As N	ug/L	N	NS	-	-	16200	-	-
Anthracene	ug/L	N	2000	-	-	1U	-	10U
Antimony	ug/L	N	6	-	-	-	-	-
Arsenic	ug/L	N	60	4.7U	4.7U	-	9.3U	-
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	-	-	1U	-	10U
Barium	ug/L	N	6000	-	-	-	-	-
Benzaldehyde	ug/L	N	NS	-	-	1U	-	10U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B7-061704	M030B8	M030B8X	M030B9	M030B9X
			Sample Date	06/17/2004	10/06/2004	10/07/2004	06/08/2005	06/09/2005
			SDG	RFF14	RFF28	RFF28	946781	946781
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	-	-	0.5U	-	0.5U
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	-	-	1U	-	10U
Benzo(a)pyrene	ug/L	N	0.1	-	-	1U	-	10U
Benzo(b)fluoranthene	ug/L	N	0.2	-	-	1U	-	10U
Benzo(g,h,i)perylene	ug/L	N	NS	-	-	1U	-	10U
Benzo(k)fluoranthene	ug/L	N	0.5	-	-	1U	-	10U
Beryllium	ug/L	N	1	-	-	-	-	-
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	-	1U	-	10U
bis(2-Chloroethyl) ether	ug/L	N	7	-	-	1U	-	10U
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	-	1U	-	10U
bis(2-Ethylhexyl)phthalate	ug/L	N	3	-	-	2U	-	20U
Bromodichloromethane	ug/L	N	1	-	-	1U	-	1U
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	-	-	1U	-	1U
Bromomethane (Methyl bromide)	ug/L	N	10	-	-	1U	-	1U
Butylbenzylphthalate	ug/L	N	100	-	-	2U	-	20U
Cadmium	ug/L	N	4	-	-	-	-	-
Calcium	ug/L	N	NS	-	-	-	-	-
Caprolactam	ug/L	N	NS	-	-	5U	-	50U
Carbazole	ug/L	N	NS	-	-	1U	-	10U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B7-061704	M030B8	M030B8X	M030B9	M030B9X
			Sample Date	06/17/2004	10/06/2004	10/07/2004	06/08/2005	06/09/2005
			SDG	RFF14	RFF28	RFF28	946781	946781
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	-	-	1U	-	1U
Carbon Tetrachloride	ug/L	N	1	-	-	1U	-	1U
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	-	-	-	-	-
Chlorobenzene	ug/L	N	50	-	-	0.8U	-	0.8U
Chloroethane	ug/L	N	NS	-	-	1U	-	1U
Chloroform	ug/L	N	70	-	-	0.8U	-	0.8U
Chloromethane (Methyl chloride)	ug/L	N	NS	-	-	1U	-	1U
Chromium	ug/L	N	70	-	-	-	-	-
Chrysene	ug/L	N	5	-	-	1U	-	10U
cis-1,2-Dichloroethene	ug/L	N	70	-	-	0.8U	-	0.8U
cis-1,3-Dichloropropene	ug/L	N	NS	-	-	1U	-	1U
Cobalt	ug/L	N	NS	-	-	-	-	-
Copper	ug/L	N	1300	-	-	-	-	-
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	-	2U	-	2U
Di-n-butylphthalate	ug/L	N	700	-	-	2U	-	20U
Di-n-octylphthalate	ug/L	N	100	-	-	2U	-	20U
Dibenz(a,h)anthracene	ug/L	N	0.3	-	-	1U	-	10U
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	-	-	1U	-	10U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B7-061704	M030B8	M030B8X	M030B9	M030B9X
			Sample Date	06/17/2004	10/06/2004	10/07/2004	06/08/2005	06/09/2005
			SDG	RFF14	RFF28	RFF28	946781	946781
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	-	1U	-	1U
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	-	2U	-	2U
Diethylphthalate	ug/L	N	6000	-	-	2U	-	20U
Dimethyl phthalate	ug/L	N	NS	-	-	2U	-	20U
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	-	1U	-	10U
Ethylbenzene	ug/L	N	700	-	-	0.8U	-	0.8U
Fluoranthene	ug/L	N	300	-	-	1J	-	10U
Fluorene	ug/L	N	300	-	-	1U	-	10U
Hexachlorobenzene	ug/L	N	0.02	-	-	1U	-	10U
Hexachlorobutadiene	ug/L	N	1	-	-	1U	-	10U
Hexachlorocyclopentadiene	ug/L	N	40	-	-	5U	-	50U
Hexachloroethane	ug/L	N	7	-	-	1U	-	10U
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	-	1U	-	10U
Iron	ug/L	N	300	-	-	-	-	-
Iron	ug/L	Y	300	-	-	-	-	-
Isophorone	ug/L	N	40	-	-	1U	-	10U
Isopropylbenzene	ug/L	N	NS	-	-	1U	-	1U
Lead	ug/L	N	50	10.0U	10.0U	-	8.4U	-
Magnesium	ug/L	N	NS	-	-	-	-	-
Manganese	ug/L	N	50	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B7-061704	M030B8	M030B8X	M030B9	M030B9X
			Sample Date	06/17/2004	10/06/2004	10/07/2004	06/08/2005	06/09/2005
			SDG	RFF14	RFF28	RFF28	946781	946781
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	-	-	-	-	-
Methyl acetate	ug/L	N	7000	-	-	1U	-	1U
Methyl-t-butyl ether	ug/L	N	70	-	-	1J	-	1J
Methylcyclohexane	ug/L	N	NS	-	-	1U	-	1U
Methylene chloride (Dichloromethane)	ug/L	N	3	-	-	2U	-	2U
N-Nitrosodi-n-propylamine	ug/L	N	10	-	-	1U	-	10U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	-	2U	-	20U
Naphthalene	ug/L	N	300	-	-	1U	-	10U
Nickel	ug/L	N	100	-	-	-	-	-
Nitrobenzene	ug/L	N	6	-	-	1U	-	10U
Nitrogen, Nitrate as N	ug/L	N	NS	-	-	200U	-	-
Nitrogen, Nitrite	ug/L	N	NS	-	-	100	-	-
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	-	1U	-	10U
Pentachlorophenol	ug/L	N	0.3	-	-	3U	-	30U
Phenanthrene	ug/L	N	NS	-	-	1U	-	10U
Phenol	ug/L	N	2000	-	-	1U	-	10U
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	-	-	-	-	-
Pyrene	ug/L	N	200	-	-	1J	-	10U
Pyridine	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B7-061704	M030B8	M030B8X	M030B9	M030B9X
			Sample Date	06/17/2004	10/06/2004	10/07/2004	06/08/2005	06/09/2005
			SDG	RFF14	RFF28	RFF28	946781	946781
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	-	-	-	-	-
Silver	ug/L	N	40	-	-	-	-	-
Sodium	ug/L	N	50000	-	-	-	-	-
Styrene	ug/L	N	100	-	-	1U	-	1U
Sulfate (SO4)	ug/L	N	250000	-	-	-	-	-
Sulfide	ug/L	N	NS	-	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	-	-	5J	-	510J
Tetrachloroethene	ug/L	N	1	-	-	0.8U	-	0.8U
Thallium	ug/L	N	2	-	-	-	-	-
Toluene	ug/L	N	600	-	-	0.7U	-	0.7U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	-	0.8U	-	0.8U
trans-1,3-Dichloropropene	ug/L	N	NS	-	-	1U	-	1U
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	-	1U	-	1U
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	-	2U	-	2U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030B7-061704	M030B8	M030B8X	M030B9	M030B9X
			Sample Date	06/17/2004	10/06/2004	10/07/2004	06/08/2005	06/09/2005
			SDG	RFF14	RFF28	RFF28	946781	946781
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	-	-	-	-	-
Vinyl chloride (Chloroethene)	ug/L	N	1	-	-	1U	-	1U
Xylene (total)	ug/L	N	1000	-	-	0.8U	-	0.8U
Zinc	ug/L	N	2000	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C1	M030C1X	M030C3	M030C3X	M030C4
			Sample Date	11/01/2005	11/02/2005	11/13/2006	11/14/2006	05/24/2007
			SDG	965777	965777	1014239	1014239	1040018
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	0.8U	-	0.8U	-
1,1,1-Trichloroethane	ug/L	N	30	-	0.8U	-	0.8U	-
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	1U	-	1U	-
1,1,2-Trichloroethane	ug/L	N	3	-	0.8U	-	0.8U	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	2U	-	2U	-
1,1-Dichloroethane	ug/L	N	50	-	1U	-	1U	-
1,2,4-Trichlorobenzene	ug/L	N	9	-	1U	-	1U	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	2U	-	2U	-
1,2-Dibromoethane	ug/L	N	NS	-	1U	-	1U	-
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	-	1U	-	1U	-
1,2-Dichloroethane	ug/L	N	2	-	1U	-	1U	-
1,2-Dichloropropane	ug/L	N	1	-	1U	-	1U	-
1,3-Dichlorobenzene	ug/L	N	600	-	1U	-	1U	-
1,4-Dichlorobenzene	ug/L	N	75	-	1U	-	1U	-
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	-	1U	-	-	-
2,4,6-Trichlorophenol	ug/L	N	20	-	1U	-	-	-
2,4-Dichlorophenol	ug/L	N	20	-	1U	-	-	-
2,4-Dimethylphenol	ug/L	N	100	-	4U	-	-	-
2,4-Dinitrophenol	ug/L	N	40	-	24U	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C1	M030C1X	M030C3	M030C3X	M030C4
			Sample Date	11/01/2005	11/02/2005	11/13/2006	11/14/2006	05/24/2007
			SDG	965777	965777	1014239	1014239	1040018
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	1U	-	-	-
2,6-Dinitrotoluene	ug/L	N	NS	-	1U	-	-	-
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	-	3U	-	3U	-
2-Chloronaphthalene	ug/L	N	600	-	1U	-	-	-
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	1U	-	-	-
2-Hexanone	ug/L	N	NS	-	3U	-	3U	-
2-Methyl-Naphthalene	ug/L	N	NS	-	1U	-	-	-
2-Methylphenol (o-Cresol)	ug/L	N	NS	-	1U	-	-	-
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	1U	-	-	-
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	1U	-	-	-
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	2U	-	-	-
3-Nitroaniline	ug/L	N	NS	-	1U	-	-	-
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	6U	-	-	-
4-Bromophenylphenylether	ug/L	N	NS	-	1U	-	-	-
4-Chloroaniline	ug/L	N	30	-	1U	-	-	-
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	1U	-	-	-
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	3U	-	3U	-
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	2U	-	-	-
4-Nitroaniline	ug/L	N	NS	-	1U	-	-	-

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4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C1	M030C1X	M030C3	M030C3X	M030C4
			Sample Date	11/01/2005	11/02/2005	11/13/2006	11/14/2006	05/24/2007
			SDG	965777	965777	1014239	1014239	1040018
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	-	12U	-	-	-
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	-	1U	-	-	-
Acenaphthylene	ug/L	N	NS	-	1U	-	-	-
Acetone	ug/L	N	6000	-	6U	-	6U	-
Acetophenone	ug/L	N	700	-	2U	-	-	-
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-	-
Aluminum	ug/L	N	200	-	-	-	-	-
Ammonia Nitrogen As N	ug/L	N	NS	-	9800	-	-	-
Anthracene	ug/L	N	2000	-	1U	-	-	-
Antimony	ug/L	N	6	-	-	-	-	-
Arsenic	ug/L	N	60	9.3U	-	10U	-	10.0U
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	-	1U	-	-	-
Barium	ug/L	N	6000	-	-	-	-	-
Benzaldehyde	ug/L	N	NS	-	1U	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C1	M030C1X	M030C3	M030C3X	M030C4
			Sample Date	11/01/2005	11/02/2005	11/13/2006	11/14/2006	05/24/2007
			SDG	965777	965777	1014239	1014239	1040018
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	-	0.5U	-	0.5U	-
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	-	1U	-	-	-
Benzo(a)pyrene	ug/L	N	0.1	-	1U	-	-	-
Benzo(b)fluoranthene	ug/L	N	0.2	-	1U	-	-	-
Benzo(g,h,i)perylene	ug/L	N	NS	-	1U	-	-	-
Benzo(k)fluoranthene	ug/L	N	0.5	-	1U	-	-	-
Beryllium	ug/L	N	1	-	-	-	-	-
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	1U	-	-	-
bis(2-Chloroethyl) ether	ug/L	N	7	-	1U	-	-	-
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	1U	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	N	3	-	2U	-	-	-
Bromodichloromethane	ug/L	N	1	-	1U	-	1U	-
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	-	1U	-	1U	-
Bromomethane (Methyl bromide)	ug/L	N	10	-	1U	-	1U	-
Butylbenzylphthalate	ug/L	N	100	-	2U	-	-	-
Cadmium	ug/L	N	4	-	-	-	-	-
Calcium	ug/L	N	NS	-	-	-	-	-
Caprolactam	ug/L	N	NS	-	6U	-	-	-
Carbazole	ug/L	N	NS	-	1U	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C1	M030C1X	M030C3	M030C3X	M030C4
			Sample Date	11/01/2005	11/02/2005	11/13/2006	11/14/2006	05/24/2007
			SDG	965777	965777	1014239	1014239	1040018
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	-	1U	-	1U	-
Carbon Tetrachloride	ug/L	N	1	-	1U	-	1U	-
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	-	-	-	**14500000**	-
Chlorobenzene	ug/L	N	50	-	0.8U	-	0.8U	-
Chloroethane	ug/L	N	NS	-	1U	-	1U	-
Chloroform	ug/L	N	70	-	0.8U	-	0.8U	-
Chloromethane (Methyl chloride)	ug/L	N	NS	-	1U	-	1U	-
Chromium	ug/L	N	70	-	-	-	-	-
Chrysene	ug/L	N	5	-	1U	-	-	-
cis-1,2-Dichloroethene	ug/L	N	70	-	0.8U	-	0.8U	-
cis-1,3-Dichloropropene	ug/L	N	NS	-	1U	-	1U	-
Cobalt	ug/L	N	NS	-	-	-	-	-
Copper	ug/L	N	1300	-	-	-	-	-
Cyclic octaatomic sulfur	ug/L	N	NS	-	260J	-	-	-
Cyclohexane	ug/L	N	NS	-	2U	-	2U	-
Di-n-butylphthalate	ug/L	N	700	-	2U	-	-	-
Di-n-octylphthalate	ug/L	N	100	-	2U	-	-	-
Dibenz(a,h)anthracene	ug/L	N	0.3	-	1U	-	-	-
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	-	1U	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C1	M030C1X	M030C3	M030C3X	M030C4
			Sample Date	11/01/2005	11/02/2005	11/13/2006	11/14/2006	05/24/2007
			SDG	965777	965777	1014239	1014239	1040018
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	1U	-	1U	-
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	2U	-	2U	-
Diethylphthalate	ug/L	N	6000	-	2U	-	-	-
Dimethyl phthalate	ug/L	N	NS	-	2U	-	-	-
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	1U	-	-	-
Ethylbenzene	ug/L	N	700	-	0.8U	-	0.8U	-
Fluoranthene	ug/L	N	300	-	1U	-	-	-
Fluorene	ug/L	N	300	-	1U	-	-	-
Hexachlorobenzene	ug/L	N	0.02	-	1U	-	-	-
Hexachlorobutadiene	ug/L	N	1	-	1U	-	-	-
Hexachlorocyclopentadiene	ug/L	N	40	-	6U	-	-	-
Hexachloroethane	ug/L	N	7	-	1U	-	-	-
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	1U	-	-	-
Iron	ug/L	N	300	-	-	-	-	-
Iron	ug/L	Y	300	-	-	-	-	-
Isophorone	ug/L	N	40	-	1U	-	-	-
Isopropylbenzene	ug/L	N	NS	-	1U	-	1U	-
Lead	ug/L	N	50	8.4U	-	6.9U	-	6.9U
Magnesium	ug/L	N	NS	-	-	-	-	-
Manganese	ug/L	N	50	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C1	M030C1X	M030C3	M030C3X	M030C4
			Sample Date	11/01/2005	11/02/2005	11/13/2006	11/14/2006	05/24/2007
			SDG	965777	965777	1014239	1014239	1040018
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	-	-	-	-	-
Methyl acetate	ug/L	N	7000	-	1U	-	1U	-
Methyl-t-butyl ether	ug/L	N	70	-	0.6J	-	0.5U	-
Methylcyclohexane	ug/L	N	NS	-	1U	-	1U	-
Methylene chloride (Dichloromethane)	ug/L	N	3	-	2U	-	2U	-
N-Nitrosodi-n-propylamine	ug/L	N	10	-	1U	-	-	-
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	2U	-	-	-
Naphthalene	ug/L	N	300	-	1U	-	-	-
Nickel	ug/L	N	100	-	-	-	-	-
Nitrobenzene	ug/L	N	6	-	1U	-	-	-
Nitrogen, Nitrate as N	ug/L	N	NS	-	40U	-	40U	-
Nitrogen, Nitrite	ug/L	N	NS	-	15U	-	300U	-
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	1U	-	-	-
Pentachlorophenol	ug/L	N	0.3	-	4U	-	-	-
Phenanthrene	ug/L	N	NS	-	1U	-	-	-
Phenol	ug/L	N	2000	-	1U	-	-	-
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	-	-	-	-	-
Pyrene	ug/L	N	200	-	1U	-	-	-
Pyridine	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C1	M030C1X	M030C3	M030C3X	M030C4
			Sample Date	11/01/2005	11/02/2005	11/13/2006	11/14/2006	05/24/2007
			SDG	965777	965777	1014239	1014239	1040018
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	-	-	-	-	-
Silver	ug/L	N	40	-	-	-	-	-
Sodium	ug/L	N	50000	-	-	-	-	-
Styrene	ug/L	N	100	-	1U	-	1U	-
Sulfate (SO4)	ug/L	N	250000	-	-	-	-	-
Sulfide	ug/L	N	NS	-	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	-	7J	-	-	-
Tetrachloroethene	ug/L	N	1	-	0.8U	-	0.8U	-
Thallium	ug/L	N	2	-	-	-	-	-
Toluene	ug/L	N	600	-	0.7U	-	0.7U	-
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	**17700000**	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	0.8U	-	0.8U	-
trans-1,3-Dichloropropene	ug/L	N	NS	-	1U	-	1U	-
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	1U	-	1U	-
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	2U	-	2U	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C1	M030C1X	M030C3	M030C3X	M030C4
			Sample Date	11/01/2005	11/02/2005	11/13/2006	11/14/2006	05/24/2007
			SDG	965777	965777	1014239	1014239	1040018
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	-	-	-	-	-
Vinyl chloride (Chloroethene)	ug/L	N	1	-	1U	-	1U	-
Xylene (total)	ug/L	N	1000	-	0.8U	-	0.8U	-
Zinc	ug/L	N	2000	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C4X	M030C5	M030C5X	M030C6	M030C6X
			Sample Date	05/25/2007	11/29/2007	11/30/2007	06/26/2008	06/26/2008
			SDG	1040018	1067672	1067672	1098093	1098093
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	0.8U	-	0.8U	-	0.8U
1,1,1-Trichloroethane	ug/L	N	30	0.8U	-	0.8U	-	0.8U
1,1,2,2-Tetrachloroethane	ug/L	N	1	1U	-	1U	-	1U
1,1,2-Trichloroethane	ug/L	N	3	0.8U	-	0.8U	-	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	2U	-	2U	-	2U
1,1-Dichloroethane	ug/L	N	50	1U	-	1U	-	1U
1,2,4-Trichlorobenzene	ug/L	N	9	1U	-	1U	-	1U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	2U	-	2U	-	2U
1,2-Dibromoethane	ug/L	N	NS	1U	-	1U	-	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	1U	-	1U	-	1U
1,2-Dichloroethane	ug/L	N	2	1U	-	1U	-	1U
1,2-Dichloropropane	ug/L	N	1	1U	-	1U	-	1U
1,3-Dichlorobenzene	ug/L	N	600	1U	-	1U	-	1U
1,4-Dichlorobenzene	ug/L	N	75	1U	-	1U	-	1U
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	1U	-	1U	-	1U
2,4,6-Trichlorophenol	ug/L	N	20	1U	-	1U	-	1U
2,4-Dichlorophenol	ug/L	N	20	1U	-	1U	-	1U
2,4-Dimethylphenol	ug/L	N	100	3U	-	3U	-	3U
2,4-Dinitrophenol	ug/L	N	40	19U	-	19U	-	22U

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			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C4X	M030C5	M030C5X	M030C6	M030C6X
			Sample Date	05/25/2007	11/29/2007	11/30/2007	06/26/2008	06/26/2008
			SDG	1040018	1067672	1067672	1098093	1098093
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	1U	-	1U	-	1U
2,6-Dinitrotoluene	ug/L	N	NS	1U	-	1U	-	1U
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	3U	-	3U	-	3U
2-Chloronaphthalene	ug/L	N	600	2U	-	2U	-	2U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	1U	-	1U	-	1U
2-Hexanone	ug/L	N	NS	3U	-	3U	-	3U
2-Methyl-Naphthalene	ug/L	N	NS	1U	-	1U	-	1U
2-Methylphenol (o-Cresol)	ug/L	N	NS	1U	-	1U	-	1U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	1U	-	1U	-	1U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	1U	-	1U	-	1U
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	2U	-	2U	-	2U
3-Nitroaniline	ug/L	N	NS	1U	-	1U	-	1U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	5U	-	5U	-	5U
4-Bromophenylphenylether	ug/L	N	NS	1U	-	1U	-	1U
4-Chloroaniline	ug/L	N	30	1U	-	1U	-	1U
4-Chlorophenyl phenyl ether	ug/L	N	NS	2U	-	2U	-	2U
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	13J	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	3U	-	3U	-	3U
4-Methylphenol (p-Cresol)	ug/L	N	NS	2U	-	2U	-	2U
4-Nitroaniline	ug/L	N	NS	1U	-	1U	-	1U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C4X	M030C5	M030C5X	M030C6	M030C6X
			Sample Date	05/25/2007	11/29/2007	11/30/2007	06/26/2008	06/26/2008
			SDG	1040018	1067672	1067672	1098093	1098093
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	10U	-	10U	-	11U
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	1U	-	1U	-	1U
Acenaphthylene	ug/L	N	NS	1U	-	1U	-	1U
Acetone	ug/L	N	6000	6U	-	6U	-	6U
Acetophenone	ug/L	N	700	2U	-	2U	-	5J
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-	-
Aluminum	ug/L	N	200	-	-	-	80.2U	-
Ammonia Nitrogen As N	ug/L	N	NS	5300	-	5600	-	-
Anthracene	ug/L	N	2000	1U	-	1U	-	1U
Antimony	ug/L	N	6	-	-	-	9.7U	-
Arsenic	ug/L	N	60	-	10.0U	-	10.2U	-
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	2U	-	2U	-	2U
Barium	ug/L	N	6000	-	-	-	83.4	-
Benzaldehyde	ug/L	N	NS	1U	-	1U	-	1U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C4X	M030C5	M030C5X	M030C6	M030C6X
			Sample Date	05/25/2007	11/29/2007	11/30/2007	06/26/2008	06/26/2008
			SDG	1040018	1067672	1067672	1098093	1098093
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	0.5U	-	0.5U	-	0.5U
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	1U	-	1U	-	1U
Benzo(a)pyrene	ug/L	N	0.1	1U	-	1U	-	1U
Benzo(b)fluoranthene	ug/L	N	0.2	1U	-	1U	-	1U
Benzo(g,h,i)perylene	ug/L	N	NS	1U	-	1U	-	1U
Benzo(k)fluoranthene	ug/L	N	0.5	1U	-	1U	-	1U
Beryllium	ug/L	N	1	-	-	-	0.90U	-
bis(2-Chloroethoxy)methane	ug/L	N	NS	1U	-	1U	-	1U
bis(2-Chloroethyl) ether	ug/L	N	7	1U	-	1U	-	1U
bis(2-chloroisopropyl) ether	ug/L	N	3000	1U	-	1U	-	1U
bis(2-Ethylhexyl)phthalate	ug/L	N	3	2U	-	3J	-	2U
Bromodichloromethane	ug/L	N	1	1U	-	1U	-	1U
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	1U	-	1U	-	1U
Bromomethane (Methyl bromide)	ug/L	N	10	1U	-	1U	-	1U
Butylbenzylphthalate	ug/L	N	100	2U	-	2U	-	2U
Cadmium	ug/L	N	4	-	-	-	2.0U	-
Calcium	ug/L	N	NS	-	-	-	193000	-
Caprolactam	ug/L	N	NS	5U	-	5U	-	5U
Carbazole	ug/L	N	NS	1U	-	1U	-	1U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C4X	M030C5	M030C5X	M030C6	M030C6X
			Sample Date	05/25/2007	11/29/2007	11/30/2007	06/26/2008	06/26/2008
			SDG	1040018	1067672	1067672	1098093	1098093
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	1U	-	1U	-	1U
Carbon Tetrachloride	ug/L	N	1	1U	-	1U	-	1U
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	-	-	-	-	-
Chlorobenzene	ug/L	N	50	0.8U	-	0.8U	-	0.8U
Chloroethane	ug/L	N	NS	1U	-	1U	-	1U
Chloroform	ug/L	N	70	0.8U	-	0.8U	-	0.8U
Chloromethane (Methyl chloride)	ug/L	N	NS	1U	-	1U	-	1U
Chromium	ug/L	N	70	-	-	-	3.0U	-
Chrysene	ug/L	N	5	1U	-	1U	-	1U
cis-1,2-Dichloroethene	ug/L	N	70	0.8U	-	0.8U	-	0.8U
cis-1,3-Dichloropropene	ug/L	N	NS	1U	-	1U	-	1U
Cobalt	ug/L	N	NS	-	-	-	2.1U	-
Copper	ug/L	N	1300	-	-	-	329	-
Cyclic octaatomic sulfur	ug/L	N	NS	61J	-	32J	-	-
Cyclohexane	ug/L	N	NS	2U	-	2U	-	2U
Di-n-butylphthalate	ug/L	N	700	2U	-	2U	-	2U
Di-n-octylphthalate	ug/L	N	100	2U	-	2U	-	2U
Dibenz(a,h)anthracene	ug/L	N	0.3	1U	-	1U	-	1U
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	1U	-	1U	-	1U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C4X	M030C5	M030C5X	M030C6	M030C6X
			Sample Date	05/25/2007	11/29/2007	11/30/2007	06/26/2008	06/26/2008
			SDG	1040018	1067672	1067672	1098093	1098093
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	1U	-	1U	-	1U
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	2U	-	2U	-	2U
Diethylphthalate	ug/L	N	6000	2U	-	2U	-	2U
Dimethyl phthalate	ug/L	N	NS	2U	-	2U	-	2U
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	1U	-	1U	-	3J
Ethylbenzene	ug/L	N	700	0.8U	-	0.8U	-	0.8U
Fluoranthene	ug/L	N	300	1U	-	1U	-	1U
Fluorene	ug/L	N	300	1U	-	1U	-	1U
Hexachlorobenzene	ug/L	N	0.02	1U	-	1U	-	1U
Hexachlorobutadiene	ug/L	N	1	1U	-	1U	-	1U
Hexachlorocyclopentadiene	ug/L	N	40	5U	-	5U	-	5U
Hexachloroethane	ug/L	N	7	1U	-	1U	-	1U
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	1U	-	1U	-	1U
Iron	ug/L	N	300	-	-	-	**4020**	-
Iron	ug/L	Y	300	-	-	-	-	-
Isophorone	ug/L	N	40	1U	-	1U	-	1U
Isopropylbenzene	ug/L	N	NS	1U	-	1U	-	1U
Lead	ug/L	N	50	-	6.9U	-	6.9U	-
Magnesium	ug/L	N	NS	-	-	-	528000	-
Manganese	ug/L	N	50	-	-	-	**277**	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C4X	M030C5	M030C5X	M030C6	M030C6X
			Sample Date	05/25/2007	11/29/2007	11/30/2007	06/26/2008	06/26/2008
			SDG	1040018	1067672	1067672	1098093	1098093
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	-	-	-	0.056U	-
Methyl acetate	ug/L	N	7000	1U	-	1U	-	1U
Methyl-t-butyl ether	ug/L	N	70	0.5U	-	0.5U	-	0.5U
Methylcyclohexane	ug/L	N	NS	1U	-	1U	-	1U
Methylene chloride (Dichloromethane)	ug/L	N	3	2U	-	2U	-	2U
N-Nitrosodi-n-propylamine	ug/L	N	10	1U	-	1U	-	1U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	2U	-	2U	-	2U
Naphthalene	ug/L	N	300	1U	-	1U	-	1U
Nickel	ug/L	N	100	-	-	-	5.6U	-
Nitrobenzene	ug/L	N	6	1U	-	1U	-	1U
Nitrogen, Nitrate as N	ug/L	N	NS	-	-	-	-	-
Nitrogen, Nitrite	ug/L	N	NS	-	-	-	-	-
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	1U	-	1U	-	1U
Pentachlorophenol	ug/L	N	0.3	3U	-	3U	-	3U
Phenanthrene	ug/L	N	NS	1U	-	1U	-	1J
Phenol	ug/L	N	2000	1U	-	1U	-	1U
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	-	-	-	270000	-
Pyrene	ug/L	N	200	1U	-	1U	-	1U
Pyridine	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C4X	M030C5	M030C5X	M030C6	M030C6X
			Sample Date	05/25/2007	11/29/2007	11/30/2007	06/26/2008	06/26/2008
			SDG	1040018	1067672	1067672	1098093	1098093
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	-	-	-	10.7U	-
Silver	ug/L	N	40	-	-	-	2.2U	-
Sodium	ug/L	N	50000	-	-	-	**4770000**	-
Styrene	ug/L	N	100	1U	-	1U	-	1U
Sulfate (SO4)	ug/L	N	250000	-	-	-	-	-
Sulfide	ug/L	N	NS	-	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	5J	-	8J	-	9J
Tetrachloroethene	ug/L	N	1	0.8U	-	0.8U	-	0.8U
Thallium	ug/L	N	2	-	-	-	14.0U	-
Toluene	ug/L	N	600	0.7U	-	0.7U	-	0.7U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	0.8U	-	0.8U	-	0.8U
trans-1,3-Dichloropropene	ug/L	N	NS	1U	-	1U	-	1U
Trichloroethene (Trichloroethylene)	ug/L	N	1	1U	-	1U	-	1U
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	2U	-	2U	-	2U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C4X	M030C5	M030C5X	M030C6	M030C6X
			Sample Date	05/25/2007	11/29/2007	11/30/2007	06/26/2008	06/26/2008
			SDG	1040018	1067672	1067672	1098093	1098093
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	-	-	-	2.5U	-
Vinyl chloride (Chloroethene)	ug/L	N	1	1U	-	1U	-	1U
Xylene (total)	ug/L	N	1000	0.8U	-	0.8U	-	0.8U
Zinc	ug/L	N	2000	-	-	-	60.3	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C7	M030C7X	M030C8	M030C8X	M030C9
			Sample Date	10/13/2008	10/14/2008	06/23/2009	06/24/2009	11/16/2009
			SDG	1114995	1114995	1150741	1150741	RFS20
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	0.8U	-	0.8U	-
1,1,1-Trichloroethane	ug/L	N	30	-	0.8U	-	0.8U	-
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	1U	-	1U	-
1,1,2-Trichloroethane	ug/L	N	3	-	0.8U	-	0.8U	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	2U	-	2U	-
1,1-Dichloroethane	ug/L	N	50	-	1U	-	1U	-
1,2,4-Trichlorobenzene	ug/L	N	9	-	1U	-	1U	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	2U	-	2U	-
1,2-Dibromoethane	ug/L	N	NS	-	1U	-	1U	-
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	-	1U	-	1U	-
1,2-Dichloroethane	ug/L	N	2	-	1U	-	1U	-
1,2-Dichloropropane	ug/L	N	1	-	1U	-	1U	-
1,3-Dichlorobenzene	ug/L	N	600	-	1U	-	1U	-
1,4-Dichlorobenzene	ug/L	N	75	-	1U	-	1U	-
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	-	1U	-	0.9U	-
2,4,6-Trichlorophenol	ug/L	N	20	-	1U	-	0.9U	-
2,4-Dichlorophenol	ug/L	N	20	-	1U	-	0.9U	-
2,4-Dimethylphenol	ug/L	N	100	-	4U	-	3U	-
2,4-Dinitrophenol	ug/L	N	40	-	25U	-	19U	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C7	M030C7X	M030C8	M030C8X	M030C9
			Sample Date	10/13/2008	10/14/2008	06/23/2009	06/24/2009	11/16/2009
			SDG	1114995	1114995	1150741	1150741	RFS20
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	1U	-	0.9U	-
2,6-Dinitrotoluene	ug/L	N	NS	-	1U	-	0.9U	-
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	-	3U	-	3U	-
2-Chloronaphthalene	ug/L	N	600	-	2U	-	2U	-
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	1U	-	0.9U	-
2-Hexanone	ug/L	N	NS	-	3U	-	3U	-
2-Methyl-Naphthalene	ug/L	N	NS	-	1U	-	0.9U	-
2-Methylphenol (o-Cresol)	ug/L	N	NS	-	1U	-	0.9U	-
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	1U	-	0.9U	-
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	1U	-	0.9U	-
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	2U	-	2U	-
3-Nitroaniline	ug/L	N	NS	-	1U	-	0.9U	-
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	6U	-	5U	-
4-Bromophenylphenylether	ug/L	N	NS	-	1U	-	0.9U	-
4-Chloroaniline	ug/L	N	30	-	1U	-	0.9U	-
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	2U	-	2U	-
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	3U	-	3U	-
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	2U	-	2U	-
4-Nitroaniline	ug/L	N	NS	-	1U	-	0.9U	-

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MW-0030 Data

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			Field Sample ID	M030C7	M030C7X	M030C8	M030C8X	M030C9
			Sample Date	10/13/2008	10/14/2008	06/23/2009	06/24/2009	11/16/2009
			SDG	1114995	1114995	1150741	1150741	RFS20
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	-	12U	-	9U	-
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	-	1U	-	0.9U	-
Acenaphthylene	ug/L	N	NS	-	1U	-	0.9U	-
Acetone	ug/L	N	6000	-	6U	-	6U	-
Acetophenone	ug/L	N	700	-	2U	-	2U	-
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-	-
Aluminum	ug/L	N	200	80.2U	-	80.2U	-	87.3J
Ammonia Nitrogen As N	ug/L	N	NS	-	7600	-	390J	-
Anthracene	ug/L	N	2000	-	1U	-	0.9U	-
Antimony	ug/L	N	6	9.7U	-	9.7U	-	9.7U
Arsenic	ug/L	N	60	10.2U	-	7.2U	-	7.2U
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	-	2U	-	2U	-
Barium	ug/L	N	6000	72.3	-	138	-	115
Benzaldehyde	ug/L	N	NS	-	1U	-	0.9U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C7	M030C7X	M030C8	M030C8X	M030C9
			Sample Date	10/13/2008	10/14/2008	06/23/2009	06/24/2009	11/16/2009
			SDG	1114995	1114995	1150741	1150741	RFS20
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	-	0.5U	-	0.5U	-
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	-	1U	-	0.9U	-
Benzo(a)pyrene	ug/L	N	0.1	-	1U	-	0.9U	-
Benzo(b)fluoranthene	ug/L	N	0.2	-	1U	-	0.9U	-
Benzo(g,h,i)perylene	ug/L	N	NS	-	1U	-	0.9U	-
Benzo(k)fluoranthene	ug/L	N	0.5	-	1U	-	0.9U	-
Beryllium	ug/L	N	1	0.90U	-	1.4U	-	1.4U
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	1U	-	0.9U	-
bis(2-Chloroethyl) ether	ug/L	N	7	-	1U	-	0.9U	-
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	1U	-	0.9U	-
bis(2-Ethylhexyl)phthalate	ug/L	N	3	-	2U	-	2U	-
Bromodichloromethane	ug/L	N	1	-	1U	-	1U	-
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	-	1U	-	1U	-
Bromomethane (Methyl bromide)	ug/L	N	10	-	1U	-	1U	-
Butylbenzylphthalate	ug/L	N	100	-	2U	-	2U	-
Cadmium	ug/L	N	4	2.0U	-	2.0U	-	2.0U
Calcium	ug/L	N	NS	186000	-	222000	-	244000
Caprolactam	ug/L	N	NS	-	6U	-	5U	-
Carbazole	ug/L	N	NS	-	1U	-	0.9U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C7	M030C7X	M030C8	M030C8X	M030C9
			Sample Date	10/13/2008	10/14/2008	06/23/2009	06/24/2009	11/16/2009
			SDG	1114995	1114995	1150741	1150741	RFS20
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	-	1U	-	1U	-
Carbon Tetrachloride	ug/L	N	1	-	1U	-	1U	-
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	-	-	-	-	-
Chlorobenzene	ug/L	N	50	-	0.8U	-	0.8U	-
Chloroethane	ug/L	N	NS	-	1U	-	1U	-
Chloroform	ug/L	N	70	-	0.8U	-	0.8U	-
Chloromethane (Methyl chloride)	ug/L	N	NS	-	1U	-	1U	-
Chromium	ug/L	N	70	3.0U	-	3.4U	-	3.4U
Chrysene	ug/L	N	5	-	1U	-	0.9U	-
cis-1,2-Dichloroethene	ug/L	N	70	-	0.8U	-	0.8U	-
cis-1,3-Dichloropropene	ug/L	N	NS	-	1U	-	1U	-
Cobalt	ug/L	N	NS	4.3J	-	2.5J	-	2.1U
Copper	ug/L	N	1300	29.9	-	23.9	-	50.9
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	2U	-	2U	-
Di-n-butylphthalate	ug/L	N	700	-	2U	-	2U	-
Di-n-octylphthalate	ug/L	N	100	-	2U	-	2U	-
Dibenz(a,h)anthracene	ug/L	N	0.3	-	1U	-	0.9U	-
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	-	1U	-	0.9U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C7	M030C7X	M030C8	M030C8X	M030C9
			Sample Date	10/13/2008	10/14/2008	06/23/2009	06/24/2009	11/16/2009
			SDG	1114995	1114995	1150741	1150741	RFS20
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	1U	-	1U	-
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	2U	-	2U	-
Diethylphthalate	ug/L	N	6000	-	2U	-	2U	-
Dimethyl phthalate	ug/L	N	NS	-	2U	-	2U	-
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	1U	-	0.9U	-
Ethylbenzene	ug/L	N	700	-	0.8U	-	0.8U	-
Fluoranthene	ug/L	N	300	-	1U	-	0.9U	-
Fluorene	ug/L	N	300	-	1U	-	0.9U	-
Hexachlorobenzene	ug/L	N	0.02	-	1U	-	0.9U	-
Hexachlorobutadiene	ug/L	N	1	-	1U	-	0.9U	-
Hexachlorocyclopentadiene	ug/L	N	40	-	6U	-	5U	-
Hexachloroethane	ug/L	N	7	-	1U	-	0.9U	-
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	1U	-	0.9U	-
Iron	ug/L	N	300	**2610**	-	**8670**	-	**2560**
Iron	ug/L	Y	300	-	-	-	-	-
Isophorone	ug/L	N	40	-	1U	-	0.9U	-
Isopropylbenzene	ug/L	N	NS	-	1U	-	1U	-
Lead	ug/L	N	50	6.9U	-	6.9U	-	6.9U
Magnesium	ug/L	N	NS	551000	-	614000	-	657000
Manganese	ug/L	N	50	**209**	-	**261**	-	**190**

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C7	M030C7X	M030C8	M030C8X	M030C9
			Sample Date	10/13/2008	10/14/2008	06/23/2009	06/24/2009	11/16/2009
			SDG	1114995	1114995	1150741	1150741	RFS20
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	0.056U	-	0.056U	-	0.056U
Methyl acetate	ug/L	N	7000	-	1U	-	1U	-
Methyl-t-butyl ether	ug/L	N	70	-	0.5U	-	0.5U	-
Methylcyclohexane	ug/L	N	NS	-	1U	-	1U	-
Methylene chloride (Dichloromethane)	ug/L	N	3	-	2U	-	2U	-
N-Nitrosodi-n-propylamine	ug/L	N	10	-	1U	-	0.9U	-
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	2U	-	2U	-
Naphthalene	ug/L	N	300	-	1U	-	0.9U	-
Nickel	ug/L	N	100	8.5J	-	5.9J	-	5.1J
Nitrobenzene	ug/L	N	6	-	1U	-	0.9U	-
Nitrogen, Nitrate as N	ug/L	N	NS	-	-	-	-	-
Nitrogen, Nitrite	ug/L	N	NS	-	-	-	-	-
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	1U	-	0.9U	-
Pentachlorophenol	ug/L	N	0.3	-	4U	-	3U	-
Phenanthrene	ug/L	N	NS	-	1U	-	0.9U	-
Phenol	ug/L	N	2000	-	1U	-	0.9U	-
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	227000	-	226000	-	213000
Pyrene	ug/L	N	200	-	1U	-	0.9U	-
Pyridine	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C7	M030C7X	M030C8	M030C8X	M030C9
			Sample Date	10/13/2008	10/14/2008	06/23/2009	06/24/2009	11/16/2009
			SDG	1114995	1114995	1150741	1150741	RFS20
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	10.7U	-	8.9U	-	8.9U
Silver	ug/L	N	40	2.2U	-	2.3U	-	2.3U
Sodium	ug/L	N	50000	**4690000**	-	**5340000**	-	**5770000**
Styrene	ug/L	N	100	-	1U	-	1U	-
Sulfate (SO4)	ug/L	N	250000	-	-	-	-	-
Sulfide	ug/L	N	NS	-	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	-	5J	-	-	-
Tetrachloroethene	ug/L	N	1	-	0.8U	-	0.8U	-
Thallium	ug/L	N	2	14.0U	-	14.0U	-	14.0U
Toluene	ug/L	N	600	-	0.7U	-	0.7U	-
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	0.8U	-	0.8U	-
trans-1,3-Dichloropropene	ug/L	N	NS	-	1U	-	1U	-
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	1U	-	1U	-
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	2U	-	2U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C7	M030C7X	M030C8	M030C8X	M030C9
			Sample Date	10/13/2008	10/14/2008	06/23/2009	06/24/2009	11/16/2009
			SDG	1114995	1114995	1150741	1150741	RFS20
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	2.5U	-	2.5U	-	2.5U
Vinyl chloride (Chloroethene)	ug/L	N	1	-	1U	-	1U	-
Xylene (total)	ug/L	N	1000	-	0.8U	-	0.8U	-
Zinc	ug/L	N	2000	49.2	-	46.4	-	102

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C9X	M030D1-100510	D0511101	M030D1X-100511
			Sample Date	11/17/2009	05/10/2010	05/11/2010	05/11/2010
			SDG	RFS20	RFS42	RFS42	RFS42
			Sample Type	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	0.8U	-	0.8U	0.8U
1,1,1-Trichloroethane	ug/L	N	30	0.8U	-	0.8U	0.8U
1,1,2,2-Tetrachloroethane	ug/L	N	1	1U	-	1U	1U
1,1,2-Trichloroethane	ug/L	N	3	0.8U	-	0.8U	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	2U	-	2U	2U
1,1-Dichloroethane	ug/L	N	50	1U	-	1U	1U
1,2,4-Trichlorobenzene	ug/L	N	9	1U	-	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	2U	-	2U	2U
1,2-Dibromoethane	ug/L	N	NS	1U	-	1U	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	1U	-	1U	1U
1,2-Dichloroethane	ug/L	N	2	1U	-	1U	1U
1,2-Dichloropropane	ug/L	N	1	1U	-	1U	1U
1,3-Dichlorobenzene	ug/L	N	600	1U	-	1U	1U
1,4-Dichlorobenzene	ug/L	N	75	1U	-	1U	1U
1,4-Dioxane	ug/L	N	NS	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	1U	-	-	1UJ
2,4,6-Trichlorophenol	ug/L	N	20	1U	-	-	1UJ
2,4-Dichlorophenol	ug/L	N	20	1U	-	-	1UJ
2,4-Dimethylphenol	ug/L	N	100	3U	-	-	10UJ
2,4-Dinitrophenol	ug/L	N	40	20U	-	-	10UJ

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C9X	M030D1-100510	D0511101	M030D1X-100511
			Sample Date	11/17/2009	05/10/2010	05/11/2010	05/11/2010
			SDG	RFS20	RFS42	RFS42	RFS42
			Sample Type	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	1U	-	-	1UJ
2,6-Dinitrotoluene	ug/L	N	NS	1U	-	-	1UJ
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	3U	-	3U	3U
2-Chloronaphthalene	ug/L	N	600	2U	-	-	2UJ
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	1U	-	-	1UJ
2-Hexanone	ug/L	N	NS	3U	-	3U	3U
2-Methyl-Naphthalene	ug/L	N	NS	1U	-	-	1UJ
2-Methylphenol (o-Cresol)	ug/L	N	NS	1U	-	-	1UJ
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	1U	-	-	1UJ
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	1U	-	-	1UJ
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	2U	-	-	2UJ
3-Nitroaniline	ug/L	N	NS	1U	-	-	1UJ
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	5U	-	-	5UJ
4-Bromophenylphenylether	ug/L	N	NS	1U	-	-	1UJ
4-Chloroaniline	ug/L	N	30	1U	-	-	1UJ
4-Chlorophenyl phenyl ether	ug/L	N	NS	2U	-	-	2UJ
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	3U	-	3U	3U
4-Methylphenol (p-Cresol)	ug/L	N	NS	2U	-	-	2UJ
4-Nitroaniline	ug/L	N	NS	1U	-	-	1UJ

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C9X	M030D1-100510	D0511101	M030D1X-100511
			Sample Date	11/17/2009	05/10/2010	05/11/2010	05/11/2010
			SDG	RFS20	RFS42	RFS42	RFS42
			Sample Type	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	10U	-	-	10UJ
6-Methylchrysene	ug/L	N	NS	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-
Acenaphthene	ug/L	N	400	1U	-	-	1UJ
Acenaphthylene	ug/L	N	NS	1U	-	-	1UJ
Acetone	ug/L	N	6000	6U	-	6U	6U
Acetophenone	ug/L	N	700	2U	-	-	2UJ
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-
Aluminum	ug/L	N	200	-	80.2U	-	-
Ammonia Nitrogen As N	ug/L	N	NS	4000	-	-	-
Anthracene	ug/L	N	2000	1U	-	-	1UJ
Antimony	ug/L	N	6	-	9.7U	-	-
Arsenic	ug/L	N	60	-	8.2J	-	-
Arsenic	ug/L	Y	60	-	-	-	-
Atrazine	ug/L	N	3	2U	-	-	2UJ
Barium	ug/L	N	6000	-	95.0	-	-
Benzaldehyde	ug/L	N	NS	1U	-	-	5UJ

Notes:
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4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C9X	M030D1-100510	D0511101	M030D1X-100511
			Sample Date	11/17/2009	05/10/2010	05/11/2010	05/11/2010
			SDG	RFS20	RFS42	RFS42	RFS42
			Sample Type	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	0.5U	-	0.5U	0.5U
Benzenethiol	ug/L	N	NS	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	1U	-	-	1UJ
Benzo(a)pyrene	ug/L	N	0.1	1U	-	-	1UJ
Benzo(b)fluoranthene	ug/L	N	0.2	1U	-	-	1UJ
Benzo(g,h,i)perylene	ug/L	N	NS	1U	-	-	1UJ
Benzo(k)fluoranthene	ug/L	N	0.5	1U	-	-	1UJ
Beryllium	ug/L	N	1	-	1.4U	-	-
bis(2-Chloroethoxy)methane	ug/L	N	NS	1U	-	-	1UJ
bis(2-Chloroethyl) ether	ug/L	N	7	1U	-	-	480UJ
bis(2-chloroisopropyl) ether	ug/L	N	3000	1U	-	-	1UJ
bis(2-Ethylhexyl)phthalate	ug/L	N	3	2J	-	-	3.22J
Bromodichloromethane	ug/L	N	1	1U	-	1U	1U
Bromofluorobenzene	ug/L	N	NS	-	-	-	-
Bromoform	ug/L	N	4	1U	-	1U	1U
Bromomethane (Methyl bromide)	ug/L	N	10	1U	-	1U	1U
Butylbenzylphthalate	ug/L	N	100	2U	-	-	2UJ
Cadmium	ug/L	N	4	-	2.0U	-	-
Calcium	ug/L	N	NS	-	194000	-	-
Caprolactam	ug/L	N	NS	5U	-	-	5UJ
Carbazole	ug/L	N	NS	1U	-	-	1UJ

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MW-0030 Data

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			Field Sample ID	M030C9X	M030D1-100510	D0511101	M030D1X-100511
			Sample Date	11/17/2009	05/10/2010	05/11/2010	05/11/2010
			SDG	RFS20	RFS42	RFS42	RFS42
			Sample Type	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	1U	-	1U	1U
Carbon Tetrachloride	ug/L	N	1	1U	-	1U	1U
Carbonate	ug/L	N	NS	-	-	-	-
Chloride	ug/L	N	250000	-	-	-	-
Chlorobenzene	ug/L	N	50	0.8U	-	0.8U	0.8U
Chloroethane	ug/L	N	NS	1U	-	1U	1U
Chloroform	ug/L	N	70	0.8U	-	0.8U	0.8U
Chloromethane (Methyl chloride)	ug/L	N	NS	1U	-	1U	1U
Chromium	ug/L	N	70	-	3.4U	-	-
Chrysene	ug/L	N	5	1U	-	-	1UJ
cis-1,2-Dichloroethene	ug/L	N	70	0.8U	-	0.8U	0.8U
cis-1,3-Dichloropropene	ug/L	N	NS	1U	-	1U	1U
Cobalt	ug/L	N	NS	-	2.1U	-	-
Copper	ug/L	N	1300	-	24.7	-	-
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-
Cyclohexane	ug/L	N	NS	2U	-	2U	2U
Di-n-butylphthalate	ug/L	N	700	2U	-	-	2UJ
Di-n-octylphthalate	ug/L	N	100	2U	-	-	2UJ
Dibenz(a,h)anthracene	ug/L	N	0.3	1U	-	-	1UJ
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-
Dibenzofuran	ug/L	N	NS	1U	-	-	1UJ

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C9X	M030D1-100510	D0511101	M030D1X-100511
			Sample Date	11/17/2009	05/10/2010	05/11/2010	05/11/2010
			SDG	RFS20	RFS42	RFS42	RFS42
			Sample Type	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	1U	-	1U	1U
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	2U	-	2U	2U
Diethylphthalate	ug/L	N	6000	2U	-	-	5UJ
Dimethyl phthalate	ug/L	N	NS	2U	-	-	2UJ
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	1U	-	-	1UJ
Ethylbenzene	ug/L	N	700	0.8U	-	0.8U	0.8U
Fluoranthene	ug/L	N	300	1U	-	-	1UJ
Fluorene	ug/L	N	300	1U	-	-	1UJ
Hexachlorobenzene	ug/L	N	0.02	1U	-	-	1UJ
Hexachlorobutadiene	ug/L	N	1	1U	-	-	1UJ
Hexachlorocyclopentadiene	ug/L	N	40	5U	-	-	5UJ
Hexachloroethane	ug/L	N	7	1U	-	-	1UJ
Indene	ug/L	N	NS	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	1U	-	-	1UJ
Iron	ug/L	N	300	-	**2280**	-	-
Iron	ug/L	Y	300	-	-	-	-
Isophorone	ug/L	N	40	1U	-	-	1UJ
Isopropylbenzene	ug/L	N	NS	1U	-	1U	1U
Lead	ug/L	N	50	-	6.9U	-	-
Magnesium	ug/L	N	NS	-	468000	-	-
Manganese	ug/L	N	50	-	**117**	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C9X	M030D1-100510	D0511101	M030D1X-100511
			Sample Date	11/17/2009	05/10/2010	05/11/2010	05/11/2010
			SDG	RFS20	RFS42	RFS42	RFS42
			Sample Type	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	-	0.056U	-	-
Methyl acetate	ug/L	N	7000	1U	-	1U	1U
Methyl-t-butyl ether	ug/L	N	70	0.5U	-	0.5U	0.5U
Methylcyclohexane	ug/L	N	NS	1U	-	1U	1U
Methylene chloride (Dichloromethane)	ug/L	N	3	2U	-	2U	2U
N-Nitrosodi-n-propylamine	ug/L	N	10	1U	-	-	1UJ
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	2U	-	-	2UJ
Naphthalene	ug/L	N	300	1U	-	-	5UJ
Nickel	ug/L	N	100	-	5.8J	-	-
Nitrobenzene	ug/L	N	6	1U	-	-	1UJ
Nitrogen, Nitrate as N	ug/L	N	NS	-	-	-	-
Nitrogen, Nitrite	ug/L	N	NS	-	-	-	-
o-Xylene	ug/L	N	NS	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	1U	-	-	1UJ
Pentachlorophenol	ug/L	N	0.3	3U	-	-	3UJ
Phenanthrene	ug/L	N	NS	1U	-	-	1UJ
Phenol	ug/L	N	2000	1U	-	-	1UJ
Phosphorus	ug/L	N	NS	-	-	-	-
Potassium	ug/L	N	NS	-	160000	-	-
Pyrene	ug/L	N	200	1U	-	-	1UJ
Pyridine	ug/L	N	NS	-	-	-	-

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			Location ID	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C9X	M030D1-100510	D0511101	M030D1X-100511
			Sample Date	11/17/2009	05/10/2010	05/11/2010	05/11/2010
			SDG	RFS20	RFS42	RFS42	RFS42
			Sample Type	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-
Selenium	ug/L	N	40	-	8.9U	-	-
Silver	ug/L	N	40	-	2.3U	-	-
Sodium	ug/L	N	50000	-	**4350000**	-	-
Styrene	ug/L	N	100	1U	-	1U	1U
Sulfate (SO4)	ug/L	N	250000	-	-	-	-
Sulfide	ug/L	N	NS	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	-	-	-	-
Tetrachloroethene	ug/L	N	1	0.8U	-	0.8U	0.8U
Thallium	ug/L	N	2	-	14.0U	-	-
Toluene	ug/L	N	600	0.7U	-	0.7U	0.7U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	0.8U	-	0.8U	0.8U
trans-1,3-Dichloropropene	ug/L	N	NS	1U	-	1U	1U
Trichloroethene (Trichloroethylene)	ug/L	N	1	1U	-	1U	1U
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	2U	-	2U	2U

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			Location ID	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030C9X	M030D1-100510	D0511101	M030D1X-100511
			Sample Date	11/17/2009	05/10/2010	05/11/2010	05/11/2010
			SDG	RFS20	RFS42	RFS42	RFS42
			Sample Type	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	-	2.5U	-	-
Vinyl chloride (Chloroethene)	ug/L	N	1	1U	-	1U	1U
Xylene (total)	ug/L	N	1000	0.8U	-	0.8U	0.8U
Zinc	ug/L	N	2000	-	102	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D2	M030D2X	M030D3	M030D3X	M030D4
			Sample Date	10/05/2010	10/06/2010	05/31/2011	06/01/2011	11/09/2011
			SDG	RFS69	RFS69	RFT26	RFT26	RFT85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	0.8U	-	0.8U	-
1,1,1-Trichloroethane	ug/L	N	30	-	0.8U	-	0.8U	-
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	1U	-	1U	-
1,1,2-Trichloroethane	ug/L	N	3	-	0.8U	-	0.8U	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	2U	-	2U	-
1,1-Dichloroethane	ug/L	N	50	-	1U	-	1U	-
1,2,4-Trichlorobenzene	ug/L	N	9	-	1U	-	1U	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	2U	-	2U	-
1,2-Dibromoethane	ug/L	N	NS	-	1U	-	1U	-
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	-	1U	-	1U	-
1,2-Dichloroethane	ug/L	N	2	-	1U	-	1U	-
1,2-Dichloropropane	ug/L	N	1	-	1U	-	1U	-
1,3-Dichlorobenzene	ug/L	N	600	-	1U	-	1U	-
1,4-Dichlorobenzene	ug/L	N	75	-	1U	-	1U	-
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	-	1U	-	1U	-
2,4,6-Trichlorophenol	ug/L	N	20	-	1U	-	1U	-
2,4-Dichlorophenol	ug/L	N	20	-	1U	-	1U	-
2,4-Dimethylphenol	ug/L	N	100	-	3U	-	3U	-
2,4-Dinitrophenol	ug/L	N	40	-	10U	-	10U	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D2	M030D2X	M030D3	M030D3X	M030D4
			Sample Date	10/05/2010	10/06/2010	05/31/2011	06/01/2011	11/09/2011
			SDG	RFS69	RFS69	RFT26	RFT26	RFT85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	1U	-	1U	-
2,6-Dinitrotoluene	ug/L	N	NS	-	1U	-	1U	-
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	-	3U	-	3U	-
2-Chloronaphthalene	ug/L	N	600	-	2U	-	2U	-
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	1U	-	1U	-
2-Hexanone	ug/L	N	NS	-	3U	-	3U	-
2-Methyl-Naphthalene	ug/L	N	NS	-	1U	-	1U	-
2-Methylphenol (o-Cresol)	ug/L	N	NS	-	1U	-	1U	-
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	1U	-	1U	-
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	1U	-	1U	-
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	2U	-	2U	-
3-Nitroaniline	ug/L	N	NS	-	1U	-	1U	-
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	5U	-	5U	-
4-Bromophenylphenylether	ug/L	N	NS	-	1U	-	1U	-
4-Chloroaniline	ug/L	N	30	-	1U	-	1U	-
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	2U	-	2U	-
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	3U	-	3U	-
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	2U	-	2U	-
4-Nitroaniline	ug/L	N	NS	-	1U	-	1U	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D2	M030D2X	M030D3	M030D3X	M030D4
			Sample Date	10/05/2010	10/06/2010	05/31/2011	06/01/2011	11/09/2011
			SDG	RFS69	RFS69	RFT26	RFT26	RFT85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	-	10U	-	10U	-
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	-	1U	-	1U	-
Acenaphthylene	ug/L	N	NS	-	1U	-	1U	-
Acetone	ug/L	N	6000	-	6U	-	6U	-
Acetophenone	ug/L	N	700	-	2U	-	2U	-
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-	-
Aluminum	ug/L	N	200	83.4U	-	83.4U	-	401U
Ammonia Nitrogen As N	ug/L	N	NS	-	-	-	-	-
Anthracene	ug/L	N	2000	-	1U	-	1U	-
Antimony	ug/L	N	6	10.0U	-	10.0U	-	5.8U
Arsenic	ug/L	N	60	9.8U	-	9.8U	-	5.1U
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	-	2U	-	2U	-
Barium	ug/L	N	6000	131	-	75.5	-	152
Benzaldehyde	ug/L	N	NS	-	1U	-	1U	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D2	M030D2X	M030D3	M030D3X	M030D4
			Sample Date	10/05/2010	10/06/2010	05/31/2011	06/01/2011	11/09/2011
			SDG	RFS69	RFS69	RFT26	RFT26	RFT85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	-	0.5U	-	0.5U	-
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	-	1U	-	1U	-
Benzo(a)pyrene	ug/L	N	0.1	-	1U	-	1U	-
Benzo(b)fluoranthene	ug/L	N	0.2	-	1U	-	1U	-
Benzo(g,h,i)perylene	ug/L	N	NS	-	1U	-	1U	-
Benzo(k)fluoranthene	ug/L	N	0.5	-	1U	-	1U	-
Beryllium	ug/L	N	1	1.4U	-	1.4U	-	0.24U
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	1U	-	1U	-
bis(2-Chloroethyl) ether	ug/L	N	7	-	1U	-	1U	-
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	1U	-	1U	-
bis(2-Ethylhexyl)phthalate	ug/L	N	3	-	2U	-	2U	-
Bromodichloromethane	ug/L	N	1	-	1U	-	1U	-
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	-	1U	-	1U	-
Bromomethane (Methyl bromide)	ug/L	N	10	-	1U	-	1U	-
Butylbenzylphthalate	ug/L	N	100	-	2U	-	2U	-
Cadmium	ug/L	N	4	2.0U	-	2.0U	-	1.3J
Calcium	ug/L	N	NS	245000	-	182000	-	194000
Caprolactam	ug/L	N	NS	-	5U	-	5U	-
Carbazole	ug/L	N	NS	-	1U	-	1U	-

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4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D2	M030D2X	M030D3	M030D3X	M030D4
			Sample Date	10/05/2010	10/06/2010	05/31/2011	06/01/2011	11/09/2011
			SDG	RFS69	RFS69	RFT26	RFT26	RFT85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	-	1U	-	1U	-
Carbon Tetrachloride	ug/L	N	1	-	1U	-	1U	-
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	-	-	-	-	-
Chlorobenzene	ug/L	N	50	-	0.8U	-	0.8U	-
Chloroethane	ug/L	N	NS	-	1U	-	1U	-
Chloroform	ug/L	N	70	-	0.8U	-	0.8U	-
Chloromethane (Methyl chloride)	ug/L	N	NS	-	1U	-	1U	-
Chromium	ug/L	N	70	3.4U	-	3.4U	-	1.3J
Chrysene	ug/L	N	5	-	1U	-	1U	-
cis-1,2-Dichloroethene	ug/L	N	70	-	0.8U	-	0.8U	-
cis-1,3-Dichloropropene	ug/L	N	NS	-	1U	-	1U	-
Cobalt	ug/L	N	NS	2.3U	-	2.3U	-	2.1J
Copper	ug/L	N	1300	38.1BJ	-	29.8	-	20.6
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	2U	-	2U	-
Di-n-butylphthalate	ug/L	N	700	-	2U	-	2U	-
Di-n-octylphthalate	ug/L	N	100	-	2U	-	2U	-
Dibenz(a,h)anthracene	ug/L	N	0.3	-	1U	-	1U	-
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	-	1U	-	1U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D2	M030D2X	M030D3	M030D3X	M030D4
			Sample Date	10/05/2010	10/06/2010	05/31/2011	06/01/2011	11/09/2011
			SDG	RFS69	RFS69	RFT26	RFT26	RFT85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	1U	-	1U	-
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	2U	-	2U	-
Diethylphthalate	ug/L	N	6000	-	2U	-	2U	-
Dimethyl phthalate	ug/L	N	NS	-	2U	-	2U	-
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	1U	-	1U	-
Ethylbenzene	ug/L	N	700	-	0.8U	-	0.8U	-
Fluoranthene	ug/L	N	300	-	1U	-	1U	-
Fluorene	ug/L	N	300	-	1U	-	1U	-
Hexachlorobenzene	ug/L	N	0.02	-	1U	-	1U	-
Hexachlorobutadiene	ug/L	N	1	-	1U	-	1U	-
Hexachlorocyclopentadiene	ug/L	N	40	-	5U	-	5U	-
Hexachloroethane	ug/L	N	7	-	1U	-	1U	-
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	1U	-	1U	-
Iron	ug/L	N	300	**4210**	-	124J	-	**1280**
Iron	ug/L	Y	300	-	-	-	-	-
Isophorone	ug/L	N	40	-	1U	-	1U	-
Isopropylbenzene	ug/L	N	NS	-	1U	-	1U	-
Lead	ug/L	N	50	6.9U	-	6.9U	-	2.2U
Magnesium	ug/L	N	NS	492000	-	465000	-	500000
Manganese	ug/L	N	50	**457**	-	37.7	-	**300**

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D2	M030D2X	M030D3	M030D3X	M030D4
			Sample Date	10/05/2010	10/06/2010	05/31/2011	06/01/2011	11/09/2011
			SDG	RFS69	RFS69	RFT26	RFT26	RFT85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	0.056U	-	0.046U	-	0.026U
Methyl acetate	ug/L	N	7000	-	1U	-	1U	-
Methyl-t-butyl ether	ug/L	N	70	-	0.5U	-	0.5U	-
Methylcyclohexane	ug/L	N	NS	-	1U	-	1U	-
Methylene chloride (Dichloromethane)	ug/L	N	3	-	2U	-	2U	-
N-Nitrosodi-n-propylamine	ug/L	N	10	-	1U	-	1U	-
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	2U	-	2U	-
Naphthalene	ug/L	N	300	-	1U	-	1U	-
Nickel	ug/L	N	100	7.6J	-	4.4J	-	9.1J
Nitrobenzene	ug/L	N	6	-	1U	-	1U	-
Nitrogen, Nitrate as N	ug/L	N	NS	-	-	-	-	-
Nitrogen, Nitrite	ug/L	N	NS	-	-	-	-	-
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	1U	-	1U	-
Pentachlorophenol	ug/L	N	0.3	-	3U	-	3U	-
Phenanthrene	ug/L	N	NS	-	1U	-	1U	-
Phenol	ug/L	N	2000	-	1U	-	1U	-
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	215000	-	159000	-	167000
Pyrene	ug/L	N	200	-	1U	-	1U	-
Pyridine	ug/L	N	NS	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D2	M030D2X	M030D3	M030D3X	M030D4
			Sample Date	10/05/2010	10/06/2010	05/31/2011	06/01/2011	11/09/2011
			SDG	RFS69	RFS69	RFT26	RFT26	RFT85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	8.9U	-	8.9U	-	6.9U
Silver	ug/L	N	40	2.3U	-	2.3U	-	0.91U
Sodium	ug/L	N	50000	**5360000**	-	**4140000**	-	**4430000**
Styrene	ug/L	N	100	-	1U	-	1U	-
Sulfate (SO4)	ug/L	N	250000	-	-	-	-	-
Sulfide	ug/L	N	NS	-	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	-	-	-	-	-
Tetrachloroethene	ug/L	N	1	-	0.8U	-	0.8U	-
Thallium	ug/L	N	2	14.0U	-	14.0U	-	**4.5J**
Toluene	ug/L	N	600	-	0.7U	-	0.7U	-
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	0.8U	-	0.8U	-
trans-1,3-Dichloropropene	ug/L	N	NS	-	1U	-	1U	-
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	1U	-	1U	-
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	2U	-	2U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D2	M030D2X	M030D3	M030D3X	M030D4
			Sample Date	10/05/2010	10/06/2010	05/31/2011	06/01/2011	11/09/2011
			SDG	RFS69	RFS69	RFT26	RFT26	RFT85
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	2.5U	-	2.5U	-	0.96U
Vinyl chloride (Chloroethene)	ug/L	N	1	-	1U	-	1U	-
Xylene (total)	ug/L	N	1000	-	0.8U	-	0.8U	-
Zinc	ug/L	N	2000	63.3	-	60.3	-	72.6

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D4X	M030D5	M030D5X	M030D6	M030D6X
			Sample Date	11/10/2011	02/13/2012	02/14/2012	08/06/2012	08/07/2012
			SDG	RFT85	RFU10	RFU10	RFV25	RFV25
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	0.8U	-	0.8U	-	0.8U
1,1,1-Trichloroethane	ug/L	N	30	0.8U	-	0.8U	-	0.8U
1,1,2,2-Tetrachloroethane	ug/L	N	1	1U	-	1U	-	1U
1,1,2-Trichloroethane	ug/L	N	3	0.8U	-	0.8U	-	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	2U	-	2U	-	2U
1,1-Dichloroethane	ug/L	N	50	1U	-	1U	-	1U
1,2,4-Trichlorobenzene	ug/L	N	9	1U	-	1U	-	1U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	2U	-	2U	-	2U
1,2-Dibromoethane	ug/L	N	NS	1U	-	1U	-	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	1U	-	1U	-	1U
1,2-Dichloroethane	ug/L	N	2	1U	-	1U	-	1U
1,2-Dichloropropane	ug/L	N	1	1U	-	1U	-	1U
1,3-Dichlorobenzene	ug/L	N	600	1U	-	1U	-	1U
1,4-Dichlorobenzene	ug/L	N	75	1U	-	1U	-	1U
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	0.5U	-	0.5U	-	0.5U
2,4,6-Trichlorophenol	ug/L	N	20	0.5U	-	0.5U	-	0.5U
2,4-Dichlorophenol	ug/L	N	20	0.5U	-	0.5U	-	0.5U
2,4-Dimethylphenol	ug/L	N	100	0.5U	-	0.5U	-	0.5U
2,4-Dinitrophenol	ug/L	N	40	10U	-	11U	-	11U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D4X	M030D5	M030D5X	M030D6	M030D6X
			Sample Date	11/10/2011	02/13/2012	02/14/2012	08/06/2012	08/07/2012
			SDG	RFT85	RFU10	RFU10	RFV25	RFV25
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	1U	-	1U	-	1U
2,6-Dinitrotoluene	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	3U	-	3U	-	3U
2-Chloronaphthalene	ug/L	N	600	0.4U	-	0.4U	-	0.4U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	0.5U	-	0.5U	-	0.5U
2-Hexanone	ug/L	N	NS	3U	-	3U	-	3U
2-Methyl-Naphthalene	ug/L	N	NS	0.1U	-	0.1U	-	0.1U
2-Methylphenol (o-Cresol)	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	2U	-	2U	-	2U
3-Nitroaniline	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	5U	-	5U	-	5U
4-Bromophenylphenylether	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
4-Chloroaniline	ug/L	N	30	0.5U	-	0.5U	-	0.5U
4-Chlorophenyl phenyl ether	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	3U	-	3U	-	3U
4-Methylphenol (p-Cresol)	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
4-Nitroaniline	ug/L	N	NS	0.5U	-	0.5U	-	0.5U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D4X	M030D5	M030D5X	M030D6	M030D6X
			Sample Date	11/10/2011	02/13/2012	02/14/2012	08/06/2012	08/07/2012
			SDG	RFT85	RFU10	RFU10	RFV25	RFV25
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	10U	-	11U	-	11U
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	0.1U	-	0.1U	-	0.1U
Acenaphthylene	ug/L	N	NS	0.1U	-	0.1U	-	0.1U
Acetone	ug/L	N	6000	6U	-	6U	-	6U
Acetophenone	ug/L	N	700	0.5U	-	0.5U	-	0.5U
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	-	-	-	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	-	-	-	-
Aluminum	ug/L	N	200	-	80.1U	-	74.3U	-
Ammonia Nitrogen As N	ug/L	N	NS	-	-	-	-	-
Anthracene	ug/L	N	2000	0.1U	-	0.1U	-	0.1U
Antimony	ug/L	N	6	-	5.8U	-	**7.4J**	-
Arsenic	ug/L	N	60	-	5.1U	-	2.0J	-
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	2U	-	2U	-	2U
Barium	ug/L	N	6000	-	96.0	-	139	-
Benzaldehyde	ug/L	N	NS	1U	-	1U	-	1U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D4X	M030D5	M030D5X	M030D6	M030D6X
			Sample Date	11/10/2011	02/13/2012	02/14/2012	08/06/2012	08/07/2012
			SDG	RFT85	RFU10	RFU10	RFV25	RFV25
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	0.5U	-	0.5U	-	0.5U
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	0.1U	-	0.1U	-	0.1U
Benzo(a)pyrene	ug/L	N	0.1	0.1U	-	0.1U	-	0.1U
Benzo(b)fluoranthene	ug/L	N	0.2	0.1U	-	0.1U	-	0.1U
Benzo(g,h,i)perylene	ug/L	N	NS	0.1U	-	0.1U	-	0.1U
Benzo(k)fluoranthene	ug/L	N	0.5	0.1U	-	0.1U	-	0.1U
Beryllium	ug/L	N	1	-	0.24U	-	0.67U	-
bis(2-Chloroethoxy)methane	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
bis(2-Chloroethyl) ether	ug/L	N	7	0.5U	-	0.5U	-	0.5U
bis(2-chloroisopropyl) ether	ug/L	N	3000	0.5U	-	0.5U	-	0.5U
bis(2-Ethylhexyl)phthalate	ug/L	N	3	2U	-	2U	-	2U
Bromodichloromethane	ug/L	N	1	1U	-	1U	-	1U
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	1U	-	1U	-	1U
Bromomethane (Methyl bromide)	ug/L	N	10	1U	-	1U	-	1U
Butylbenzylphthalate	ug/L	N	100	2U	-	2U	-	2U
Cadmium	ug/L	N	4	-	0.82J	-	0.59J	-
Calcium	ug/L	N	NS	-	188000	-	240000	-
Caprolactam	ug/L	N	NS	5U	-	5U	-	5U
Carbazole	ug/L	N	NS	0.5U	-	0.5U	-	0.5U

Notes:
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4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D4X	M030D5	M030D5X	M030D6	M030D6X
			Sample Date	11/10/2011	02/13/2012	02/14/2012	08/06/2012	08/07/2012
			SDG	RFT85	RFU10	RFU10	RFV25	RFV25
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	1U	-	1U	-	1U
Carbon Tetrachloride	ug/L	N	1	1U	-	1U	-	1U
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	-	-	-	-	-
Chlorobenzene	ug/L	N	50	0.8U	-	0.8U	-	0.8U
Chloroethane	ug/L	N	NS	1U	-	1U	-	1U
Chloroform	ug/L	N	70	0.8U	-	0.8U	-	0.8U
Chloromethane (Methyl chloride)	ug/L	N	NS	1U	-	1U	-	1U
Chromium	ug/L	N	70	-	1.1U	-	1.4J	-
Chrysene	ug/L	N	5	0.1U	-	0.1U	-	0.1U
cis-1,2-Dichloroethene	ug/L	N	70	0.8U	-	0.8U	-	0.8U
cis-1,3-Dichloropropene	ug/L	N	NS	1U	-	1U	-	1U
Cobalt	ug/L	N	NS	-	2.1J	-	2.6J	-
Copper	ug/L	N	1300	-	24.1	-	24.3	-
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	2U	-	2U	-	2U
Di-n-butylphthalate	ug/L	N	700	2U	-	2U	-	2U
Di-n-octylphthalate	ug/L	N	100	2U	-	2U	-	2U
Dibenz(a,h)anthracene	ug/L	N	0.3	0.1U	-	0.1U	-	0.1U
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	0.5U	-	0.5U	-	0.5U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D4X	M030D5	M030D5X	M030D6	M030D6X
			Sample Date	11/10/2011	02/13/2012	02/14/2012	08/06/2012	08/07/2012
			SDG	RFT85	RFU10	RFU10	RFV25	RFV25
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	1U	-	1U	-	1U
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	2U	-	2U	-	2U
Diethylphthalate	ug/L	N	6000	2U	-	2U	-	2U
Dimethyl phthalate	ug/L	N	NS	2U	-	2U	-	2U
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	0.5U	-	0.5U	-	0.5U
Ethylbenzene	ug/L	N	700	0.8U	-	0.8U	-	0.8U
Fluoranthene	ug/L	N	300	0.1U	-	0.1U	-	0.1U
Fluorene	ug/L	N	300	0.1U	-	0.1U	-	0.1U
Hexachlorobenzene	ug/L	N	0.02	0.1U	-	0.1U	-	0.1U
Hexachlorobutadiene	ug/L	N	1	0.5U	-	0.5U	-	0.5U
Hexachlorocyclopentadiene	ug/L	N	40	5U	-	5U	-	5U
Hexachloroethane	ug/L	N	7	1U	-	1U	-	1U
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	0.1U	-	0.1U	-	0.1U
Iron	ug/L	N	300	-	**400**	-	**5880**	-
Iron	ug/L	Y	300	-	-	-	-	-
Isophorone	ug/L	N	40	0.5U	-	0.5U	-	0.5U
Isopropylbenzene	ug/L	N	NS	1U	-	1U	-	1U
Lead	ug/L	N	50	-	2.2U	-	5.1U	-
Magnesium	ug/L	N	NS	-	495000	-	489000	-
Manganese	ug/L	N	50	-	30.0	-	**474**	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D4X	M030D5	M030D5X	M030D6	M030D6X
			Sample Date	11/10/2011	02/13/2012	02/14/2012	08/06/2012	08/07/2012
			SDG	RFT85	RFU10	RFU10	RFV25	RFV25
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	-	0.026U	-	0.013J	-
Methyl acetate	ug/L	N	7000	1U	-	1U	-	1U
Methyl-t-butyl ether	ug/L	N	70	0.5U	-	0.5U	-	0.5U
Methylcyclohexane	ug/L	N	NS	1U	-	1U	-	1U
Methylene chloride (Dichloromethane)	ug/L	N	3	2U	-	2U	-	2U
N-Nitrosodi-n-propylamine	ug/L	N	10	0.5U	-	0.5U	-	0.5U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	0.5U	-	0.5U	-	0.5U
Naphthalene	ug/L	N	300	0.1U	-	0.2J	-	0.1J
Nickel	ug/L	N	100	-	9.0J	-	6.4J	-
Nitrobenzene	ug/L	N	6	0.5U	-	0.5U	-	0.5U
Nitrogen, Nitrate as N	ug/L	N	NS	-	-	-	-	-
Nitrogen, Nitrite	ug/L	N	NS	-	-	-	-	-
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
Pentachlorophenol	ug/L	N	0.3	1U	-	1U	-	1U
Phenanthrene	ug/L	N	NS	0.1U	-	0.1U	-	0.1U
Phenol	ug/L	N	2000	0.5U	-	0.5U	-	0.5U
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	-	166000	-	234000	-
Pyrene	ug/L	N	200	0.1U	-	0.1J	-	0.1J
Pyridine	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D4X	M030D5	M030D5X	M030D6	M030D6X
			Sample Date	11/10/2011	02/13/2012	02/14/2012	08/06/2012	08/07/2012
			SDG	RFT85	RFU10	RFU10	RFV25	RFV25
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	-	6.9U	-	7.5U	-
Silver	ug/L	N	40	-	1.5J	-	1.2U	-
Sodium	ug/L	N	50000	-	**3850000**	-	**5430000**	-
Styrene	ug/L	N	100	1U	-	1U	-	1U
Sulfate (SO4)	ug/L	N	250000	-	-	-	-	-
Sulfide	ug/L	N	NS	-	-	-	-	-
Tentatively Identified Compound	ug/L	N	NS	-	-	-	-	-
Tetrachloroethene	ug/L	N	1	0.8U	-	0.8U	-	0.8U
Thallium	ug/L	N	2	-	**5.2J**	-	28.5U	-
Toluene	ug/L	N	600	0.7U	-	0.7U	-	0.7U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	0.8U	-	0.8U	-	0.8U
trans-1,3-Dichloropropene	ug/L	N	NS	1U	-	1U	-	1U
Trichloroethene (Trichloroethylene)	ug/L	N	1	1U	-	1U	-	1U
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	2U	-	2U	-	2U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D4X	M030D5	M030D5X	M030D6	M030D6X
			Sample Date	11/10/2011	02/13/2012	02/14/2012	08/06/2012	08/07/2012
			SDG	RFT85	RFU10	RFU10	RFV25	RFV25
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	-	0.96U	-	1.3U	-
Vinyl chloride (Chloroethene)	ug/L	N	1	1U	-	1U	-	1U
Xylene (total)	ug/L	N	1000	0.8U	-	0.8U	-	0.8U
Zinc	ug/L	N	2000	-	102	-	43.0	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D7	M030D7X	M030D8	M030D8X	M030D9
			Sample Date	03/04/2013	03/05/2013	09/23/2013	09/24/2013	06/02/2014
			SDG	RFX90	RFX90	CS014	CS014	CS108
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	0.8U	-	0.8U	-
1,1,1-Trichloroethane	ug/L	N	30	-	0.8U	-	0.8U	-
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	1U	-	1U	-
1,1,2-Trichloroethane	ug/L	N	3	-	0.8U	-	0.8U	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	2U	-	2U	-
1,1-Dichloroethane	ug/L	N	50	-	1U	-	1U	-
1,2,4-Trichlorobenzene	ug/L	N	9	-	1U	-	1U	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	2U	-	2U	-
1,2-Dibromoethane	ug/L	N	NS	-	1U	-	1U	-
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	-	1U	-	1U	-
1,2-Dichloroethane	ug/L	N	2	-	1U	-	1U	-
1,2-Dichloropropane	ug/L	N	1	-	1U	-	1U	-
1,3-Dichlorobenzene	ug/L	N	600	-	1U	-	1U	-
1,4-Dichlorobenzene	ug/L	N	75	-	1U	-	1U	-
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	-	0.6U	-	0.5U	-
2,4,6-Trichlorophenol	ug/L	N	20	-	0.6U	-	0.5U	-
2,4-Dichlorophenol	ug/L	N	20	-	0.6U	-	0.5U	-
2,4-Dimethylphenol	ug/L	N	100	-	0.6U	-	0.5U	-
2,4-Dinitrophenol	ug/L	N	40	-	11U	-	11U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D7	M030D7X	M030D8	M030D8X	M030D9
			Sample Date	03/04/2013	03/05/2013	09/23/2013	09/24/2013	06/02/2014
			SDG	RFX90	RFX90	CS014	CS014	CS108
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	1U	-	1U	-
2,6-Dinitrotoluene	ug/L	N	NS	-	0.6U	-	0.5U	-
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	-	3U	-	3U	-
2-Chloronaphthalene	ug/L	N	600	-	0.5U	-	0.4U	-
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	0.6U	-	0.5U	-
2-Hexanone	ug/L	N	NS	-	3U	-	3U	-
2-Methyl-Naphthalene	ug/L	N	NS	-	0.1U	-	0.1U	-
2-Methylphenol (o-Cresol)	ug/L	N	NS	-	0.6U	-	0.5U	-
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	0.6U	-	0.5U	-
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	0.6U	-	0.5U	-
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	2U	-	2U	-
3-Nitroaniline	ug/L	N	NS	-	0.6U	-	0.5U	-
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	6U	-	5U	-
4-Bromophenylphenylether	ug/L	N	NS	-	0.6U	-	0.5U	-
4-Chloroaniline	ug/L	N	30	-	0.6U	-	0.5U	-
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	0.6U	-	0.5U	-
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	3U	-	3U	-
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	0.6U	-	0.5U	-
4-Nitroaniline	ug/L	N	NS	-	0.6U	-	0.5U	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D7	M030D7X	M030D8	M030D8X	M030D9
			Sample Date	03/04/2013	03/05/2013	09/23/2013	09/24/2013	06/02/2014
			SDG	RFX90	RFX90	CS014	CS014	CS108
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	-	11U	-	11U	-
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	-	0.1U	-	0.1U	-
Acenaphthylene	ug/L	N	NS	-	0.1U	-	0.1U	-
Acetone	ug/L	N	6000	-	6U	-	6U	-
Acetophenone	ug/L	N	700	-	0.6U	-	0.5U	-
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	489000	-	684000	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	700U	-	700U	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	489000	-	684000	-
Aluminum	ug/L	N	200	140J	-	82.8U	-	82.8U
Ammonia Nitrogen As N	ug/L	N	NS	-	-	-	-	-
Anthracene	ug/L	N	2000	-	0.1U	-	0.1U	-
Antimony	ug/L	N	6	2.4	-	0.86J	-	0.68J
Arsenic	ug/L	N	60	3.1	-	2.5	-	3.7
Arsenic	ug/L	Y	60	1.6J	-	2.8	-	2.8
Atrazine	ug/L	N	3	-	2U	-	2U	-
Barium	ug/L	N	6000	98.9	-	141	-	149
Benzaldehyde	ug/L	N	NS	-	1U	-	1U	-

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			Field Sample ID	M030D7	M030D7X	M030D8	M030D8X	M030D9
			Sample Date	03/04/2013	03/05/2013	09/23/2013	09/24/2013	06/02/2014
			SDG	RFX90	RFX90	CS014	CS014	CS108
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	-	0.5U	-	0.5U	-
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	-	0.1U	-	0.1U	-
Benzo(a)pyrene	ug/L	N	0.1	-	0.1U	-	0.1U	-
Benzo(b)fluoranthene	ug/L	N	0.2	-	0.1U	-	0.1U	-
Benzo(g,h,i)perylene	ug/L	N	NS	-	0.1U	-	0.1U	-
Benzo(k)fluoranthene	ug/L	N	0.5	-	0.1U	-	0.1U	-
Beryllium	ug/L	N	1	0.67U	-	0.67U	-	0.67U
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	0.6U	-	0.5U	-
bis(2-Chloroethyl) ether	ug/L	N	7	-	0.6U	-	0.5U	-
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	0.6U	-	0.5U	-
bis(2-Ethylhexyl)phthalate	ug/L	N	3	-	2U	-	2U	-
Bromodichloromethane	ug/L	N	1	-	1U	-	1U	-
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	-	1U	-	1U	-
Bromomethane (Methyl bromide)	ug/L	N	10	-	1U	-	1U	-
Butylbenzylphthalate	ug/L	N	100	-	2U	-	2U	-
Cadmium	ug/L	N	4	0.36U	-	0.76U	-	0.76U
Calcium	ug/L	N	NS	221000	-	246000	-	205000
Caprolactam	ug/L	N	NS	-	6U	-	5U	-
Carbazole	ug/L	N	NS	-	0.6U	-	0.5U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D7	M030D7X	M030D8	M030D8X	M030D9
			Sample Date	03/04/2013	03/05/2013	09/23/2013	09/24/2013	06/02/2014
			SDG	RFX90	RFX90	CS014	CS014	CS108
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	-	1U	-	1U	-
Carbon Tetrachloride	ug/L	N	1	-	1U	-	1U	-
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	-	**9210000**	-	**12100000**	-
Chlorobenzene	ug/L	N	50	-	0.8U	-	0.8U	-
Chloroethane	ug/L	N	NS	-	1UJ	-	1U	-
Chloroform	ug/L	N	70	-	0.8U	-	0.8U	-
Chloromethane (Methyl chloride)	ug/L	N	NS	-	1U	-	1U	-
Chromium	ug/L	N	70	1.1U	-	2.4J	-	1.6U
Chrysene	ug/L	N	5	-	0.1U	-	0.1U	-
cis-1,2-Dichloroethene	ug/L	N	70	-	0.8U	-	0.8U	-
cis-1,3-Dichloropropene	ug/L	N	NS	-	1U	-	1U	-
Cobalt	ug/L	N	NS	0.66U	-	3.0J	-	1.5J
Copper	ug/L	N	1300	28.0	-	65.6	-	12.4
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	2U	-	2U	-
Di-n-butylphthalate	ug/L	N	700	-	2U	-	2U	-
Di-n-octylphthalate	ug/L	N	100	-	2U	-	2U	-
Dibenz(a,h)anthracene	ug/L	N	0.3	-	0.1U	-	0.1U	-
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	-	0.6U	-	0.5U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D7	M030D7X	M030D8	M030D8X	M030D9
			Sample Date	03/04/2013	03/05/2013	09/23/2013	09/24/2013	06/02/2014
			SDG	RFX90	RFX90	CS014	CS014	CS108
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	1U	-	1U	-
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	2U	-	2U	-
Diethylphthalate	ug/L	N	6000	-	2U	-	2U	-
Dimethyl phthalate	ug/L	N	NS	-	2U	-	2U	-
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	0.6U	-	0.5U	-
Ethylbenzene	ug/L	N	700	-	0.8U	-	0.8U	-
Fluoranthene	ug/L	N	300	-	0.1U	-	0.1U	-
Fluorene	ug/L	N	300	-	0.1U	-	0.1U	-
Hexachlorobenzene	ug/L	N	0.02	-	0.1U	-	0.1U	-
Hexachlorobutadiene	ug/L	N	1	-	0.6U	-	0.5U	-
Hexachlorocyclopentadiene	ug/L	N	40	-	6U	-	5U	-
Hexachloroethane	ug/L	N	7	-	1U	-	1U	-
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	0.1U	-	0.1U	-
Iron	ug/L	N	300	**2340**	-	**5940**	-	**5360**
Iron	ug/L	Y	300	**1860**	-	**5460**	-	**4690**
Isophorone	ug/L	N	40	-	0.6U	-	0.5U	-
Isopropylbenzene	ug/L	N	NS	-	1U	-	1U	-
Lead	ug/L	N	50	8.4	-	1.3	-	3.9
Magnesium	ug/L	N	NS	718000	-	641000	-	466000
Manganese	ug/L	N	50	**193**	-	**341**	-	**282**

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D7	M030D7X	M030D8	M030D8X	M030D9
			Sample Date	03/04/2013	03/05/2013	09/23/2013	09/24/2013	06/02/2014
			SDG	RFX90	RFX90	CS014	CS014	CS108
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	0.070U	-	0.060U	-	0.060U
Methyl acetate	ug/L	N	7000	-	1U	-	1U	-
Methyl-t-butyl ether	ug/L	N	70	-	0.5U	-	0.5U	-
Methylcyclohexane	ug/L	N	NS	-	1U	-	1U	-
Methylene chloride (Dichloromethane)	ug/L	N	3	-	2U	-	2U	-
N-Nitrosodi-n-propylamine	ug/L	N	10	-	0.6U	-	0.5U	-
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	0.6U	-	0.5U	-
Naphthalene	ug/L	N	300	-	0.1U	-	0.1U	-
Nickel	ug/L	N	100	11.9	-	7.0J	-	6.9J
Nitrobenzene	ug/L	N	6	-	0.6U	-	0.5U	-
Nitrogen, Nitrate as N	ug/L	N	NS	-	43J	-	40U	-
Nitrogen, Nitrite	ug/L	N	NS	-	15U	-	15U	-
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	0.6U	-	0.5U	-
Pentachlorophenol	ug/L	N	0.3	-	1U	-	1U	-
Phenanthrene	ug/L	N	NS	-	0.1U	-	0.1U	-
Phenol	ug/L	N	2000	-	0.6U	-	0.5U	-
Phosphorus	ug/L	N	NS	-	320	-	1700	-
Potassium	ug/L	N	NS	212000	-	204000	-	159000
Pyrene	ug/L	N	200	-	0.1U	-	0.1U	-
Pyridine	ug/L	N	NS	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D7	M030D7X	M030D8	M030D8X	M030D9
			Sample Date	03/04/2013	03/05/2013	09/23/2013	09/24/2013	06/02/2014
			SDG	RFX90	RFX90	CS014	CS014	CS108
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	19.2J	-	8.4U	-	8.4U
Silver	ug/L	N	40	1.2U	-	2.1U	-	2.1U
Sodium	ug/L	N	50000	**4600000**	-	**5800000**	-	**4380000**
Styrene	ug/L	N	100	-	1U	-	1U	-
Sulfate (SO4)	ug/L	N	250000	-	**1060000**	-	**819000**	-
Sulfide	ug/L	N	NS	-	2100	-	1800J	-
Tentatively Identified Compound	ug/L	N	NS	-	-	-	-	-
Tetrachloroethene	ug/L	N	1	-	0.8U	-	0.8U	-
Thallium	ug/L	N	2	0.15U	-	0.15U	-	0.15U
Toluene	ug/L	N	600	-	0.7U	-	0.7U	-
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	0.8U	-	0.8U	-
trans-1,3-Dichloropropene	ug/L	N	NS	-	1U	-	1U	-
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	1U	-	1U	-
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	2U	-	2U	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D7	M030D7X	M030D8	M030D8X	M030D9
			Sample Date	03/04/2013	03/05/2013	09/23/2013	09/24/2013	06/02/2014
			SDG	RFX90	RFX90	CS014	CS014	CS108
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	1.3U	-	2.0U	-	2.0U
Vinyl chloride (Chloroethene)	ug/L	N	1	-	1U	-	1U	-
Xylene (total)	ug/L	N	1000	-	0.8U	-	0.8U	-
Zinc	ug/L	N	2000	170	-	19.0J	-	27.6

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D9X	M030E1	M030E1X	M030E2	M030E2X
			Sample Date	06/03/2014	11/06/2014	11/07/2014	06/29/2015	06/30/2015
			SDG	CS108	CS183	CS183	CS256	CS256
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	0.5U	-	0.5U	-	0.5U
1,1,1-Trichloroethane	ug/L	N	30	0.5U	-	0.5U	-	0.5U
1,1,2,2-Tetrachloroethane	ug/L	N	1	0.5U	-	0.5U	-	0.5U
1,1,2-Trichloroethane	ug/L	N	3	0.5U	-	0.5U	-	0.5U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	2U	-	2U	-	2U
1,1-Dichloroethane	ug/L	N	50	0.5U	-	0.5U	-	0.5U
1,2,4-Trichlorobenzene	ug/L	N	9	1U	-	1U	-	1U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	2U	-	2U	-	2U
1,2-Dibromoethane	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	1U	-	1U	-	1U
1,2-Dichloroethane	ug/L	N	2	0.5U	-	0.5U	-	0.5U
1,2-Dichloropropane	ug/L	N	1	0.5U	-	0.5U	-	0.5U
1,3-Dichlorobenzene	ug/L	N	600	1U	-	1U	-	1U
1,4-Dichlorobenzene	ug/L	N	75	1U	-	1U	-	1U
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	0.6U	-	0.6U	-	0.5U
2,4,6-Trichlorophenol	ug/L	N	20	0.6U	-	0.6U	-	0.5U
2,4-Dichlorophenol	ug/L	N	20	0.6U	-	0.6U	-	0.5U
2,4-Dimethylphenol	ug/L	N	100	0.6U	-	0.6U	-	0.5U
2,4-Dinitrophenol	ug/L	N	40	12U	-	12U	-	11U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D9X	M030E1	M030E1X	M030E2	M030E2X
			Sample Date	06/03/2014	11/06/2014	11/07/2014	06/29/2015	06/30/2015
			SDG	CS108	CS183	CS183	CS256	CS256
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	1U	-	1U	-	1U
2,6-Dinitrotoluene	ug/L	N	NS	0.6U	-	0.6U	-	0.5U
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	3U	-	3U	-	3U
2-Chloronaphthalene	ug/L	N	600	0.5U	-	0.5U	-	0.4U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	0.6U	-	0.6U	-	0.5U
2-Hexanone	ug/L	N	NS	3U	-	3U	-	3U
2-Methyl-Naphthalene	ug/L	N	NS	0.1U	-	0.2J	-	0.1U
2-Methylphenol (o-Cresol)	ug/L	N	NS	0.6U	-	0.6U	-	0.5U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	0.6U	-	0.6U	-	0.5U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	0.6U	-	0.6U	-	0.5U
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	2U	-	2U	-	2U
3-Nitroaniline	ug/L	N	NS	0.6U	-	0.6U	-	0.5U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	6U	-	6U	-	5U
4-Bromophenylphenylether	ug/L	N	NS	0.6U	-	0.6U	-	0.5U
4-Chloroaniline	ug/L	N	30	0.6U	-	0.6U	-	2U
4-Chlorophenyl phenyl ether	ug/L	N	NS	0.6U	-	0.6U	-	0.5U
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	3U	-	3U	-	3U
4-Methylphenol (p-Cresol)	ug/L	N	NS	0.6U	-	0.6U	-	0.5U
4-Nitroaniline	ug/L	N	NS	0.6U	-	0.6U	-	0.5U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D9X	M030E1	M030E1X	M030E2	M030E2X
			Sample Date	06/03/2014	11/06/2014	11/07/2014	06/29/2015	06/30/2015
			SDG	CS108	CS183	CS183	CS256	CS256
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	12U	-	12U	-	11U
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	0.1U	-	0.1U	-	0.1U
Acenaphthylene	ug/L	N	NS	0.1U	-	0.1U	-	0.1U
Acetone	ug/L	N	6000	6U	-	6U	-	6U
Acetophenone	ug/L	N	700	0.6U	-	0.6U	-	0.5U
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	381000	-	421000	-	613000
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	700U	-	700U	-	700U
Alkalinity, Total as CaCO3	ug/L	N	NS	381000	-	421000	-	613000
Aluminum	ug/L	N	200	-	67.4U	-	67.4U	-
Ammonia Nitrogen As N	ug/L	N	NS	-	-	-	-	-
Anthracene	ug/L	N	2000	0.1U	-	0.1U	-	0.1U
Antimony	ug/L	N	6	-	0.66U	-	0.78U	-
Arsenic	ug/L	N	60	-	0.89J	-	2.7	-
Arsenic	ug/L	Y	60	-	0.82U	-	2.5	-
Atrazine	ug/L	N	3	2U	-	2U	-	2U
Barium	ug/L	N	6000	-	167	-	122	-
Benzaldehyde	ug/L	N	NS	1U	-	1U	-	1U

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			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D9X	M030E1	M030E1X	M030E2	M030E2X
			Sample Date	06/03/2014	11/06/2014	11/07/2014	06/29/2015	06/30/2015
			SDG	CS108	CS183	CS183	CS256	CS256
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	0.5U	-	0.5U	-	0.5U
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	0.1U	-	0.1U	-	0.1U
Benzo(a)pyrene	ug/L	N	0.1	0.1U	-	0.1U	-	0.1U
Benzo(b)fluoranthene	ug/L	N	0.2	0.1U	-	0.1U	-	0.1U
Benzo(g,h,i)perylene	ug/L	N	NS	0.1U	-	0.1U	-	0.1U
Benzo(k)fluoranthene	ug/L	N	0.5	0.1U	-	0.1U	-	0.1U
Beryllium	ug/L	N	1	-	0.67U	-	0.67U	-
bis(2-Chloroethoxy)methane	ug/L	N	NS	0.6U	-	0.6U	-	0.5U
bis(2-Chloroethyl) ether	ug/L	N	7	0.6U	-	0.6U	-	0.5U
bis(2-chloroisopropyl) ether	ug/L	N	3000	0.6U	-	0.6U	-	0.5U
bis(2-Ethylhexyl)phthalate	ug/L	N	3	2U	-	2U	-	2U
Bromodichloromethane	ug/L	N	1	0.5U	-	0.5U	-	0.5U
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	0.5U	-	0.5U	-	0.5U
Bromomethane (Methyl bromide)	ug/L	N	10	0.5U	-	0.5U	-	0.5U
Butylbenzylphthalate	ug/L	N	100	2U	-	2U	-	2U
Cadmium	ug/L	N	4	-	0.33U	-	0.33U	-
Calcium	ug/L	N	NS	-	253000	-	188000	-
Caprolactam	ug/L	N	NS	6U	-	6U	-	5U
Carbazole	ug/L	N	NS	0.6U	-	0.6U	-	0.5U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D9X	M030E1	M030E1X	M030E2	M030E2X
			Sample Date	06/03/2014	11/06/2014	11/07/2014	06/29/2015	06/30/2015
			SDG	CS108	CS183	CS183	CS256	CS256
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	1U	-	1U	-	1U
Carbon Tetrachloride	ug/L	N	1	0.5U	-	0.5U	-	0.5U
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	**9600000**	-	**12100000**	-	**9860000**
Chlorobenzene	ug/L	N	50	0.5U	-	0.5U	-	0.5U
Chloroethane	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
Chloroform	ug/L	N	70	0.5U	-	0.5U	-	0.5U
Chloromethane (Methyl chloride)	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
Chromium	ug/L	N	70	-	2.6J	-	2.4J	-
Chrysene	ug/L	N	5	0.1U	-	0.1U	-	0.1U
cis-1,2-Dichloroethene	ug/L	N	70	0.5U	-	0.5U	-	0.5U
cis-1,3-Dichloropropene	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
Cobalt	ug/L	N	NS	-	1.5J	-	1.0U	-
Copper	ug/L	N	1300	-	5.5J	-	36.0	-
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	2U	-	2U	-	2U
Di-n-butylphthalate	ug/L	N	700	2U	-	2U	-	2U
Di-n-octylphthalate	ug/L	N	100	2U	-	2U	-	2U
Dibenz(a,h)anthracene	ug/L	N	0.3	0.1U	-	0.1U	-	0.1U
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	0.6U	-	0.6U	-	0.5U

Notes:
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4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D9X	M030E1	M030E1X	M030E2	M030E2X
			Sample Date	06/03/2014	11/06/2014	11/07/2014	06/29/2015	06/30/2015
			SDG	CS108	CS183	CS183	CS256	CS256
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	0.5U	-	0.5U	-	0.5U
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	0.5U	-	0.5U	-	0.5U
Diethylphthalate	ug/L	N	6000	2U	-	2U	-	2U
Dimethyl phthalate	ug/L	N	NS	2U	-	2U	-	2U
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	0.6U	-	0.6U	-	0.5U
Ethylbenzene	ug/L	N	700	0.5U	-	0.5U	-	0.5U
Fluoranthene	ug/L	N	300	0.1U	-	0.1U	-	0.1U
Fluorene	ug/L	N	300	0.1U	-	0.1U	-	0.1J
Hexachlorobenzene	ug/L	N	0.02	0.1U	-	0.1U	-	0.1U
Hexachlorobutadiene	ug/L	N	1	0.6U	-	0.6U	-	0.5U
Hexachlorocyclopentadiene	ug/L	N	40	6U	-	6U	-	5U
Hexachloroethane	ug/L	N	7	1U	-	1U	-	1U
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	0.1U	-	0.1U	-	0.1U
Iron	ug/L	N	300	-	**1100**	-	**4830**	-
Iron	ug/L	Y	300	-	97.5J	-	**3810**	-
Isophorone	ug/L	N	40	0.6U	-	0.6U	-	0.5U
Isopropylbenzene	ug/L	N	NS	1U	-	1U	-	1U
Lead	ug/L	N	50	-	0.69J	-	1.5	-
Magnesium	ug/L	N	NS	-	671000	-	374000	-
Manganese	ug/L	N	50	-	**371**	-	**224**	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D9X	M030E1	M030E1X	M030E2	M030E2X
			Sample Date	06/03/2014	11/06/2014	11/07/2014	06/29/2015	06/30/2015
			SDG	CS108	CS183	CS183	CS256	CS256
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	-	0.060U	-	0.050U	-
Methyl acetate	ug/L	N	7000	1U	-	1U	-	1U
Methyl-t-butyl ether	ug/L	N	70	0.5U	-	0.5U	-	0.5U
Methylcyclohexane	ug/L	N	NS	1U	-	1U	-	1U
Methylene chloride (Dichloromethane)	ug/L	N	3	2U	-	2U	-	2U
N-Nitrosodi-n-propylamine	ug/L	N	10	0.6U	-	0.6U	-	0.5U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	0.6U	-	0.6U	-	0.5U
Naphthalene	ug/L	N	300	0.2J	-	0.4J	-	0.2J
Nickel	ug/L	N	100	-	3.4J	-	1.6U	-
Nitrobenzene	ug/L	N	6	0.6U	-	0.6U	-	0.5U
Nitrogen, Nitrate as N	ug/L	N	NS	40U	-	40U	-	40U
Nitrogen, Nitrite	ug/L	N	NS	15U	-	15U	-	15U
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	0.6U	-	0.6U	-	0.5U
Pentachlorophenol	ug/L	N	0.3	1U	-	1U	-	1U
Phenanthrene	ug/L	N	NS	0.1U	-	0.2J	-	0.2J
Phenol	ug/L	N	2000	0.6U	-	0.6U	-	0.5U
Phosphorus	ug/L	N	NS	320	-	420	-	1300
Potassium	ug/L	N	NS	-	230000	-	147000	-
Pyrene	ug/L	N	200	0.1U	-	0.2J	-	0.1J
Pyridine	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D9X	M030E1	M030E1X	M030E2	M030E2X
			Sample Date	06/03/2014	11/06/2014	11/07/2014	06/29/2015	06/30/2015
			SDG	CS108	CS183	CS183	CS256	CS256
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	-	4.8U	-	4.8U	-
Silver	ug/L	N	40	-	1.8U	-	1.8U	-
Sodium	ug/L	N	50000	-	**6360000**	-	**3670000**	-
Styrene	ug/L	N	100	1U	-	1U	-	1U
Sulfate (SO4)	ug/L	N	250000	**957000**	-	**1280000**	-	**827000**
Sulfide	ug/L	N	NS	600U	-	6100	-	2800
Tentatively Identified Compound	ug/L	N	NS	-	-	-	-	-
Tetrachloroethene	ug/L	N	1	0.5U	-	0.5U	-	0.5U
Thallium	ug/L	N	2	-	0.15U	-	0.15U	-
Toluene	ug/L	N	600	0.5U	-	0.5U	-	0.5U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	0.5U	-	0.5U	-	0.5U
trans-1,3-Dichloropropene	ug/L	N	NS	0.5U	-	0.5U	-	0.5U
Trichloroethene (Trichloroethylene)	ug/L	N	1	0.5U	-	0.5U	-	0.5U
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	0.5U	-	0.5U	-	0.5U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030D9X	M030E1	M030E1X	M030E2	M030E2X
			Sample Date	06/03/2014	11/06/2014	11/07/2014	06/29/2015	06/30/2015
			SDG	CS108	CS183	CS183	CS256	CS256
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	-	1.9U	-	1.9U	-
Vinyl chloride (Chloroethene)	ug/L	N	1	0.5U	-	0.5U	-	0.5U
Xylene (total)	ug/L	N	1000	0.5U	-	0.5U	-	0.5U
Zinc	ug/L	N	2000	-	237	-	26.0	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E3	M030E3X	M030E4	M030E4X	D0825161
			Sample Date	09/29/2015	09/30/2015	03/09/2016	03/10/2016	08/25/2016
			SDG	CS292	CS292	CS371	CS371	CS446
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	FD
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	0.5U	-	0.5U	-
1,1,1-Trichloroethane	ug/L	N	30	-	0.5U	-	0.5U	-
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	0.5U	-	0.5U	-
1,1,2-Trichloroethane	ug/L	N	3	-	0.5U	-	0.5U	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	2U	-	2U	-
1,1-Dichloroethane	ug/L	N	50	-	0.5U	-	0.5U	-
1,2,4-Trichlorobenzene	ug/L	N	9	-	1U	-	1U	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	2U	-	2U	-
1,2-Dibromoethane	ug/L	N	NS	-	0.5U	-	0.5U	-
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	-	1U	-	1U	-
1,2-Dichloroethane	ug/L	N	2	-	0.5U	-	0.5U	-
1,2-Dichloropropane	ug/L	N	1	-	0.5U	-	0.5U	-
1,3-Dichlorobenzene	ug/L	N	600	-	1U	-	1U	-
1,4-Dichlorobenzene	ug/L	N	75	-	1U	-	1U	-
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	-	0.5U	-	0.5U	-
2,4,6-Trichlorophenol	ug/L	N	20	-	0.5U	-	0.5U	-
2,4-Dichlorophenol	ug/L	N	20	-	0.5U	-	0.5U	-
2,4-Dimethylphenol	ug/L	N	100	-	0.5U	-	0.5U	-
2,4-Dinitrophenol	ug/L	N	40	-	10U	-	10U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E3	M030E3X	M030E4	M030E4X	D0825161
			Sample Date	09/29/2015	09/30/2015	03/09/2016	03/10/2016	08/25/2016
			SDG	CS292	CS292	CS371	CS371	CS446
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	FD
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	1U	-	1U	-
2,6-Dinitrotoluene	ug/L	N	NS	-	0.5U	-	0.5U	-
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	-	3U	-	3U	-
2-Chloronaphthalene	ug/L	N	600	-	0.4U	-	0.4U	-
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	0.5U	-	0.5U	-
2-Hexanone	ug/L	N	NS	-	3U	-	3U	-
2-Methyl-Naphthalene	ug/L	N	NS	-	0.1U	-	0.1U	-
2-Methylphenol (o-Cresol)	ug/L	N	NS	-	0.5U	-	0.5U	-
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	0.5U	-	0.5U	-
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	0.5U	-	0.5U	-
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	2U	-	2U	-
3-Nitroaniline	ug/L	N	NS	-	0.5U	-	0.5U	-
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	5U	-	5U	-
4-Bromophenylphenylether	ug/L	N	NS	-	0.5U	-	0.5U	-
4-Chloroaniline	ug/L	N	30	-	2U	-	2U	-
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	0.5U	-	0.5U	-
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	3U	-	3U	-
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	0.5U	-	0.5U	-
4-Nitroaniline	ug/L	N	NS	-	0.5U	-	0.5U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E3	M030E3X	M030E4	M030E4X	D0825161
			Sample Date	09/29/2015	09/30/2015	03/09/2016	03/10/2016	08/25/2016
			SDG	CS292	CS292	CS371	CS371	CS446
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	FD
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	-	10U	-	10U	-
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	-	0.1U	-	0.1U	-
Acenaphthylene	ug/L	N	NS	-	0.1U	-	0.1U	-
Acetone	ug/L	N	6000	-	6U	-	6U	-
Acetophenone	ug/L	N	700	-	0.5U	-	0.5U	-
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	390000	-	287000	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	700U	-	700U	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	390000	-	287000	-
Aluminum	ug/L	N	200	84.1U	-	92.9U	-	86.8U
Ammonia Nitrogen As N	ug/L	N	NS	-	-	-	-	-
Anthracene	ug/L	N	2000	-	0.1U	-	0.1U	-
Antimony	ug/L	N	6	0.99J	-	2.5	-	0.75UJ
Arsenic	ug/L	N	60	3.8J	-	1.8J	-	5.8J
Arsenic	ug/L	Y	60	3.7J	-	1.9J	-	4.4
Atrazine	ug/L	N	3	-	2U	-	2U	-
Barium	ug/L	N	6000	216	-	67.5	-	110
Benzaldehyde	ug/L	N	NS	-	1U	-	1U	-

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			Sample Date	09/29/2015	09/30/2015	03/09/2016	03/10/2016	08/25/2016
			SDG	CS292	CS292	CS371	CS371	CS446
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	FD
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	-	0.5U	-	0.5U	-
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	-	0.1U	-	0.1U	-
Benzo(a)pyrene	ug/L	N	0.1	-	0.1U	-	0.1U	-
Benzo(b)fluoranthene	ug/L	N	0.2	-	0.1U	-	0.1U	-
Benzo(g,h,i)perylene	ug/L	N	NS	-	0.1U	-	0.1U	-
Benzo(k)fluoranthene	ug/L	N	0.5	-	0.1U	-	0.1U	-
Beryllium	ug/L	N	1	0.70U	-	1.1U	-	0.67U
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	0.5U	-	0.5U	-
bis(2-Chloroethyl) ether	ug/L	N	7	-	0.5U	-	0.5U	-
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	0.5U	-	0.5U	-
bis(2-Ethylhexyl)phthalate	ug/L	N	3	-	2U	-	2U	-
Bromodichloromethane	ug/L	N	1	-	0.5U	-	0.5U	-
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	-	0.5U	-	0.5U	-
Bromomethane (Methyl bromide)	ug/L	N	10	-	0.5U	-	0.5U	-
Butylbenzylphthalate	ug/L	N	100	-	2U	-	2U	-
Cadmium	ug/L	N	4	0.30U	-	0.64U	-	0.49U
Calcium	ug/L	N	NS	309000	-	216000	-	259000
Caprolactam	ug/L	N	NS	-	5U	-	5U	-
Carbazole	ug/L	N	NS	-	0.5U	-	0.5U	-

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			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E3	M030E3X	M030E4	M030E4X	D0825161
			Sample Date	09/29/2015	09/30/2015	03/09/2016	03/10/2016	08/25/2016
			SDG	CS292	CS292	CS371	CS371	CS446
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	FD
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	-	1U	-	1U	-
Carbon Tetrachloride	ug/L	N	1	-	0.5U	-	0.5U	-
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	-	**9370000**	-	**10900000**	-
Chlorobenzene	ug/L	N	50	-	0.5U	-	0.5U	-
Chloroethane	ug/L	N	NS	-	0.5U	-	0.5U	-
Chloroform	ug/L	N	70	-	0.5U	-	0.5U	-
Chloromethane (Methyl chloride)	ug/L	N	NS	-	0.5U	-	0.5U	-
Chromium	ug/L	N	70	2.8J	-	2.0U	-	1.8U
Chrysene	ug/L	N	5	-	0.1U	-	0.1U	-
cis-1,2-Dichloroethene	ug/L	N	70	-	0.5U	-	0.5U	-
cis-1,3-Dichloropropene	ug/L	N	NS	-	0.5U	-	0.5U	-
Cobalt	ug/L	N	NS	6.0	-	0.90U	-	1.9U
Copper	ug/L	N	1300	72.6	-	58.9	-	20.2J
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	2U	-	2U	-
Di-n-butylphthalate	ug/L	N	700	-	2U	-	2U	-
Di-n-octylphthalate	ug/L	N	100	-	2U	-	2U	-
Dibenz(a,h)anthracene	ug/L	N	0.3	-	0.1U	-	0.1U	-
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	-	0.5U	-	0.5U	-

Notes:
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4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E3	M030E3X	M030E4	M030E4X	D0825161
			Sample Date	09/29/2015	09/30/2015	03/09/2016	03/10/2016	08/25/2016
			SDG	CS292	CS292	CS371	CS371	CS446
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	FD
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	0.5U	-	0.5U	-
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	0.5U	-	0.5U	-
Diethylphthalate	ug/L	N	6000	-	2U	-	2U	-
Dimethyl phthalate	ug/L	N	NS	-	2U	-	2U	-
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	0.5U	-	0.5U	-
Ethylbenzene	ug/L	N	700	-	0.5U	-	0.5U	-
Fluoranthene	ug/L	N	300	-	0.1U	-	0.1U	-
Fluorene	ug/L	N	300	-	0.1U	-	0.1U	-
Hexachlorobenzene	ug/L	N	0.02	-	0.1U	-	0.1U	-
Hexachlorobutadiene	ug/L	N	1	-	0.5U	-	0.5U	-
Hexachlorocyclopentadiene	ug/L	N	40	-	5U	-	5U	-
Hexachloroethane	ug/L	N	7	-	1U	-	1U	-
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	0.1U	-	0.1U	-
Iron	ug/L	N	300	**6100**	-	**2200**	-	**5960**
Iron	ug/L	Y	300	**5180**	-	**2330**	-	**3790**
Isophorone	ug/L	N	40	-	0.5U	-	0.5U	-
Isopropylbenzene	ug/L	N	NS	-	1U	-	1U	-
Lead	ug/L	N	50	2.0	-	0.34J	-	1.3
Magnesium	ug/L	N	NS	770000	-	537000	-	658000
Manganese	ug/L	N	50	**613**	-	**167**	-	**369**

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E3	M030E3X	M030E4	M030E4X	D0825161
			Sample Date	09/29/2015	09/30/2015	03/09/2016	03/10/2016	08/25/2016
			SDG	CS292	CS292	CS371	CS371	CS446
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	FD
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	0.050UJ	-	0.050U	-	0.050U
Methyl acetate	ug/L	N	7000	-	1U	-	1U	-
Methyl-t-butyl ether	ug/L	N	70	-	0.5U	-	0.5U	-
Methylcyclohexane	ug/L	N	NS	-	1U	-	1U	-
Methylene chloride (Dichloromethane)	ug/L	N	3	-	2U	-	2U	-
N-Nitrosodi-n-propylamine	ug/L	N	10	-	0.5U	-	0.5U	-
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	0.5U	-	0.5U	-
Naphthalene	ug/L	N	300	-	0.1U	-	0.1U	-
Nickel	ug/L	N	100	7.3J	-	2.5U	-	4.9J
Nitrobenzene	ug/L	N	6	-	0.5U	-	0.5U	-
Nitrogen, Nitrate as N	ug/L	N	NS	-	40U	-	40U	-
Nitrogen, Nitrite	ug/L	N	NS	-	15U	-	15U	-
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	0.5U	-	0.5U	-
Pentachlorophenol	ug/L	N	0.3	-	1U	-	1U	-
Phenanthrene	ug/L	N	NS	-	0.1U	-	0.1U	-
Phenol	ug/L	N	2000	-	0.5U	-	0.5U	-
Phosphorus	ug/L	N	NS	-	30U	-	300	-
Potassium	ug/L	N	NS	258000	-	191000	-	264000
Pyrene	ug/L	N	200	-	0.1U	-	0.1U	-
Pyridine	ug/L	N	NS	-	-	-	-	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E3	M030E3X	M030E4	M030E4X	D0825161
			Sample Date	09/29/2015	09/30/2015	03/09/2016	03/10/2016	08/25/2016
			SDG	CS292	CS292	CS371	CS371	CS446
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	FD
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	8.2U	-	8.2U	-	9.7U
Silver	ug/L	N	40	1.4U	-	1.8U	-	1.9U
Sodium	ug/L	N	50000	**6280000**	-	**4780000**	-	**5710000**
Styrene	ug/L	N	100	-	1U	-	1U	-
Sulfate (SO4)	ug/L	N	250000	-	**1450000**	-	**1340000**	-
Sulfide	ug/L	N	NS	-	1600J	-	1400J	-
Tentatively Identified Compound	ug/L	N	NS	-	-	-	-	-
Tetrachloroethene	ug/L	N	1	-	0.5U	-	0.5U	-
Thallium	ug/L	N	2	0.15U	-	0.15U	-	0.16U
Toluene	ug/L	N	600	-	0.5U	-	0.5U	-
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	0.5U	-	0.5U	-
trans-1,3-Dichloropropene	ug/L	N	NS	-	0.5U	-	0.5U	-
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	0.5U	-	0.5U	-
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	0.5U	-	0.5U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E3	M030E3X	M030E4	M030E4X	D0825161
			Sample Date	09/29/2015	09/30/2015	03/09/2016	03/10/2016	08/25/2016
			SDG	CS292	CS292	CS371	CS371	CS446
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	FD
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	1.4U	-	2.3U	-	1.6U
Vinyl chloride (Chloroethene)	ug/L	N	1	-	0.5U	-	0.5U	-
Xylene (total)	ug/L	N	1000	-	0.5U	-	0.5U	-
Zinc	ug/L	N	2000	159	-	659	-	95.9

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E5	D0826161	M030E5X	M030E7	M030E7X
			Sample Date	08/25/2016	08/26/2016	08/26/2016	09/08/2017	09/08/2017
			SDG	CS446	CS446	CS446	CS600	CS600
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	0.5U	0.5U	-	0.5U
1,1,1-Trichloroethane	ug/L	N	30	-	0.5U	0.5U	-	0.5UJ
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	0.5U	0.5U	-	0.5U
1,1,2-Trichloroethane	ug/L	N	3	-	0.5U	0.5U	-	0.5U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	2U	2U	-	2U
1,1-Dichloroethane	ug/L	N	50	-	0.5U	0.5U	-	0.5U
1,2,4-Trichlorobenzene	ug/L	N	9	-	1U	1U	-	1U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	2U	2U	-	2U
1,2-Dibromoethane	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	-	1U	1U	-	1U
1,2-Dichloroethane	ug/L	N	2	-	0.5U	0.5U	-	0.5U
1,2-Dichloropropane	ug/L	N	1	-	0.5U	0.5U	-	0.5U
1,3-Dichlorobenzene	ug/L	N	600	-	1U	1U	-	1U
1,4-Dichlorobenzene	ug/L	N	75	-	1U	1U	-	1U
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	-	0.5U	0.5U	-	0.5U
2,4,6-Trichlorophenol	ug/L	N	20	-	0.5U	0.5U	-	0.5U
2,4-Dichlorophenol	ug/L	N	20	-	0.5U	0.5U	-	0.5U
2,4-Dimethylphenol	ug/L	N	100	-	0.5U	0.5U	-	0.5U
2,4-Dinitrophenol	ug/L	N	40	-	10U	10U	-	10U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E5	D0826161	M030E5X	M030E7	M030E7X
			Sample Date	08/25/2016	08/26/2016	08/26/2016	09/08/2017	09/08/2017
			SDG	CS446	CS446	CS446	CS600	CS600
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	1U	1U	-	1U
2,6-Dinitrotoluene	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	-	3U	3U	-	3U
2-Chloronaphthalene	ug/L	N	600	-	0.4U	0.4U	-	0.4U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	0.5U	0.5U	-	0.5U
2-Hexanone	ug/L	N	NS	-	3U	3U	-	3U
2-Methyl-Naphthalene	ug/L	N	NS	-	0.1U	0.1U	-	0.1U
2-Methylphenol (o-Cresol)	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	2U	2U	-	2U
3-Nitroaniline	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	5U	5U	-	5U
4-Bromophenylphenylether	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
4-Chloroaniline	ug/L	N	30	-	2U	2U	-	2U
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	3U	3U	-	3U
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
4-Nitroaniline	ug/L	N	NS	-	0.5U	0.5U	-	0.5U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E5	D0826161	M030E5X	M030E7	M030E7X
			Sample Date	08/25/2016	08/26/2016	08/26/2016	09/08/2017	09/08/2017
			SDG	CS446	CS446	CS446	CS600	CS600
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	-	10U	10U	-	10U
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	-	0.1U	0.1U	-	0.1U
Acenaphthylene	ug/L	N	NS	-	0.1U	0.1U	-	0.1U
Acetone	ug/L	N	6000	-	6U	6U	-	6U
Acetophenone	ug/L	N	700	-	0.5U	0.5U	-	0.5U
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	398000	352000	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	1700U	1700U	-	1700U
Alkalinity, Total as CaCO3	ug/L	N	NS	-	398000	352000	-	509000
Aluminum	ug/L	N	200	86.8U	-	-	89.4U	-
Ammonia Nitrogen As N	ug/L	N	NS	-	-	-	-	-
Anthracene	ug/L	N	2000	-	0.1U	0.1U	-	0.1U
Antimony	ug/L	N	6	0.84UJ	-	-	0.76J	-
Arsenic	ug/L	N	60	5.9J	-	-	2.8	-
Arsenic	ug/L	Y	60	5.1	-	-	-	-
Atrazine	ug/L	N	3	-	2U	2U	-	2U
Barium	ug/L	N	6000	112	-	-	170	-
Benzaldehyde	ug/L	N	NS	-	1U	1U	-	1U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E5	D0826161	M030E5X	M030E7	M030E7X
			Sample Date	08/25/2016	08/26/2016	08/26/2016	09/08/2017	09/08/2017
			SDG	CS446	CS446	CS446	CS600	CS600
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	-	0.5U	0.5U	-	0.5U
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	-	0.1U	0.1U	-	0.1U
Benzo(a)pyrene	ug/L	N	0.1	-	0.1U	0.1U	-	0.1U
Benzo(b)fluoranthene	ug/L	N	0.2	-	0.1U	0.1U	-	0.1U
Benzo(g,h,i)perylene	ug/L	N	NS	-	0.1U	0.1U	-	0.1U
Benzo(k)fluoranthene	ug/L	N	0.5	-	0.1U	0.1U	-	0.1U
Beryllium	ug/L	N	1	0.67U	-	-	2.0U	-
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
bis(2-Chloroethyl) ether	ug/L	N	7	-	0.5U	0.5U	-	0.5U
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	0.5U	0.5U	-	0.5U
bis(2-Ethylhexyl)phthalate	ug/L	N	3	-	2U	2U	-	2U
Bromodichloromethane	ug/L	N	1	-	0.5U	0.5U	-	0.5U
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	-	0.5U	0.5U	-	0.5U
Bromomethane (Methyl bromide)	ug/L	N	10	-	0.5U	0.5U	-	0.5U
Butylbenzylphthalate	ug/L	N	100	-	2U	2U	-	2U
Cadmium	ug/L	N	4	0.49U	-	-	1.8U	-
Calcium	ug/L	N	NS	259000	-	-	195000	-
Caprolactam	ug/L	N	NS	-	5U	5U	-	5UJ
Carbazole	ug/L	N	NS	-	0.5U	0.5U	-	0.5U

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E5	D0826161	M030E5X	M030E7	M030E7X
			Sample Date	08/25/2016	08/26/2016	08/26/2016	09/08/2017	09/08/2017
			SDG	CS446	CS446	CS446	CS600	CS600
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	-	1U	1U	-	1U
Carbon Tetrachloride	ug/L	N	1	-	0.5U	0.5U	-	0.5U
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	-	**10300000**	**12200000**	-	**9720000**
Chlorobenzene	ug/L	N	50	-	0.5U	0.5U	-	0.5U
Chloroethane	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
Chloroform	ug/L	N	70	-	0.5U	0.5U	-	0.5U
Chloromethane (Methyl chloride)	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
Chromium	ug/L	N	70	1.8U	-	-	3.3U	-
Chrysene	ug/L	N	5	-	0.1U	0.1U	-	0.1U
cis-1,2-Dichloroethene	ug/L	N	70	-	0.5U	0.5U	-	0.5U
cis-1,3-Dichloropropene	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
Cobalt	ug/L	N	NS	1.9U	-	-	1.7U	-
Copper	ug/L	N	1300	22.9J	-	-	23.0J	-
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	2U	2U	-	2U
Di-n-butylphthalate	ug/L	N	700	-	2U	2U	-	2U
Di-n-octylphthalate	ug/L	N	100	-	2U	2U	-	2U
Dibenz(a,h)anthracene	ug/L	N	0.3	-	0.1U	0.1U	-	0.1U
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	-	0.5U	0.5U	-	0.5U

Notes:
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4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E5	D0826161	M030E5X	M030E7	M030E7X
			Sample Date	08/25/2016	08/26/2016	08/26/2016	09/08/2017	09/08/2017
			SDG	CS446	CS446	CS446	CS600	CS600
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	0.5U	0.5U	-	0.5U
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	0.5U	0.5U	-	0.5U
Diethylphthalate	ug/L	N	6000	-	2U	2U	-	2U
Dimethyl phthalate	ug/L	N	NS	-	2U	2U	-	2U
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	0.5U	0.5U	-	0.5U
Ethylbenzene	ug/L	N	700	-	0.5U	0.5U	-	0.5U
Fluoranthene	ug/L	N	300	-	0.1U	0.1U	-	0.1U
Fluorene	ug/L	N	300	-	0.1U	0.1U	-	0.1U
Hexachlorobenzene	ug/L	N	0.02	-	0.1U	0.1U	-	0.1U
Hexachlorobutadiene	ug/L	N	1	-	0.5U	0.5U	-	0.5U
Hexachlorocyclopentadiene	ug/L	N	40	-	5U	5U	-	5U
Hexachloroethane	ug/L	N	7	-	1U	1U	-	1U
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	0.1U	0.1U	-	0.1U
Iron	ug/L	N	300	**6040**	-	-	**4850**	-
Iron	ug/L	Y	300	**3940**	-	-	**4140**	-
Isophorone	ug/L	N	40	-	0.5U	0.5U	-	0.5U
Isopropylbenzene	ug/L	N	NS	-	1U	1U	-	1U
Lead	ug/L	N	50	1.8	-	-	2.0	-
Magnesium	ug/L	N	NS	688000	-	-	439000	-
Manganese	ug/L	N	50	**376**	-	-	**362**	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E5	D0826161	M030E5X	M030E7	M030E7X
			Sample Date	08/25/2016	08/26/2016	08/26/2016	09/08/2017	09/08/2017
			SDG	CS446	CS446	CS446	CS600	CS600
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	0.050U	-	-	0.050U	-
Methyl acetate	ug/L	N	7000	-	1U	1U	-	1U
Methyl-t-butyl ether	ug/L	N	70	-	0.5U	0.5U	-	0.5U
Methylcyclohexane	ug/L	N	NS	-	1U	1U	-	1U
Methylene chloride (Dichloromethane)	ug/L	N	3	-	2U	2U	-	2U
N-Nitrosodi-n-propylamine	ug/L	N	10	-	0.5U	0.5U	-	0.5U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	0.5U	0.5U	-	0.5U
Naphthalene	ug/L	N	300	-	0.1U	0.1U	-	0.1U
Nickel	ug/L	N	100	5.1J	-	-	5.7J	-
Nitrobenzene	ug/L	N	6	-	0.5U	0.5U	-	0.5U
Nitrogen, Nitrate as N	ug/L	N	NS	-	40J	40U	-	40U
Nitrogen, Nitrite	ug/L	N	NS	-	15U	15U	-	15U
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
Pentachlorophenol	ug/L	N	0.3	-	1U	1U	-	1U
Phenanthrene	ug/L	N	NS	-	0.1U	0.1U	-	0.1U
Phenol	ug/L	N	2000	-	0.5U	0.5U	-	0.5U
Phosphorus	ug/L	N	NS	-	260	150	-	-
Potassium	ug/L	N	NS	264000	-	-	234000	-
Pyrene	ug/L	N	200	-	0.1U	0.1U	-	0.1U
Pyridine	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E5	D0826161	M030E5X	M030E7	M030E7X
			Sample Date	08/25/2016	08/26/2016	08/26/2016	09/08/2017	09/08/2017
			SDG	CS446	CS446	CS446	CS600	CS600
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	9.7U	-	-	9.3U	-
Silver	ug/L	N	40	1.9U	-	-	2.4U	-
Sodium	ug/L	N	50000	**5790000**	-	-	**224000**	-
Styrene	ug/L	N	100	-	1U	1U	-	1U
Sulfate (SO4)	ug/L	N	250000	-	**1370000**	**1420000**	-	**851000**
Sulfide	ug/L	N	NS	-	1000J	950J	-	4400
Tentatively Identified Compound	ug/L	N	NS	-	-	-	-	-
Tetrachloroethene	ug/L	N	1	-	0.5U	0.5U	-	0.5U
Thallium	ug/L	N	2	0.16U	-	-	0.12U	-
Toluene	ug/L	N	600	-	0.5U	0.5U	-	0.5U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	-	0.5U	0.5U	-	0.5U
trans-1,3-Dichloropropene	ug/L	N	NS	-	0.5U	0.5U	-	0.5U
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	0.5U	0.5U	-	0.5U
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	0.5U	0.5U	-	0.5U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E5	D0826161	M030E5X	M030E7	M030E7X
			Sample Date	08/25/2016	08/26/2016	08/26/2016	09/08/2017	09/08/2017
			SDG	CS446	CS446	CS446	CS600	CS600
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	1.6U	-	-	5.2	-
Vinyl chloride (Chloroethene)	ug/L	N	1	-	0.5U	0.5U	-	0.5U
Xylene (total)	ug/L	N	1000	-	0.5U	0.5U	-	0.5U
Zinc	ug/L	N	2000	103	-	-	89.5J	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E8	M030E8X	M030E9	M030E9X	M030F1
			Sample Date	04/30/2018	05/01/2018	11/26/2018	11/26/2018	04/30/2019
			SDG	CS682	CS682	CS764	CS764	CS849
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	-	0.5U	-	0.2U	-
1,1,1-Trichloroethane	ug/L	N	30	-	0.5U	-	0.3U	-
1,1,2,2-Tetrachloroethane	ug/L	N	1	-	0.5U	-	0.2U	-
1,1,2-Trichloroethane	ug/L	N	3	-	0.5U	-	0.2U	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	-	2U	-	0.2U	-
1,1-Dichloroethane	ug/L	N	50	-	0.5U	-	0.2U	-
1,2,4-Trichlorobenzene	ug/L	N	9	-	1U	-	0.3U	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	-	2U	-	0.3U	-
1,2-Dibromoethane	ug/L	N	NS	-	0.5U	-	0.2U	-
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	-	1U	-	0.2U	-
1,2-Dichloroethane	ug/L	N	2	-	0.5U	-	0.3U	-
1,2-Dichloropropane	ug/L	N	1	-	0.5U	-	0.2U	-
1,3-Dichlorobenzene	ug/L	N	600	-	1U	-	0.2U	-
1,4-Dichlorobenzene	ug/L	N	75	-	1U	-	0.2U	-
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	-	0.5U	-	0.5U	-
2,4,6-Trichlorophenol	ug/L	N	20	-	0.5U	-	0.5U	-
2,4-Dichlorophenol	ug/L	N	20	-	0.5U	-	0.5U	-
2,4-Dimethylphenol	ug/L	N	100	-	3U	-	3U	-
2,4-Dinitrophenol	ug/L	N	40	-	15U	-	14U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E8	M030E8X	M030E9	M030E9X	M030F1
			Sample Date	04/30/2018	05/01/2018	11/26/2018	11/26/2018	04/30/2019
			SDG	CS682	CS682	CS764	CS764	CS849
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	-	1U	-	1U	-
2,6-Dinitrotoluene	ug/L	N	NS	-	0.5U	-	0.5U	-
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	-	3U	-	0.3U	-
2-Chloronaphthalene	ug/L	N	600	-	0.4U	-	0.4U	-
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	-	0.5U	-	0.5UJ	-
2-Hexanone	ug/L	N	NS	-	3U	-	0.3U	-
2-Methyl-Naphthalene	ug/L	N	NS	-	0.1U	-	0.1U	-
2-Methylphenol (o-Cresol)	ug/L	N	NS	-	0.5U	-	0.5U	-
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	-	2U	-	2U	-
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	-	3U	-	3U	-
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	-	3U	-	3U	-
3-Nitroaniline	ug/L	N	NS	-	3U	-	3U	-
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	-	8U	-	8U	-
4-Bromophenylphenylether	ug/L	N	NS	-	0.5U	-	0.5U	-
4-Chloroaniline	ug/L	N	30	-	4U	-	4U	-
4-Chlorophenyl phenyl ether	ug/L	N	NS	-	0.5U	-	0.5U	-
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	-	3U	-	0.5U	-
4-Methylphenol (p-Cresol)	ug/L	N	NS	-	0.5U	-	0.5U	-
4-Nitroaniline	ug/L	N	NS	-	0.9U	-	0.9U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E8	M030E8X	M030E9	M030E9X	M030F1
			Sample Date	04/30/2018	05/01/2018	11/26/2018	11/26/2018	04/30/2019
			SDG	CS682	CS682	CS764	CS764	CS849
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	-	11U	-	10U	-
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	-	0.1U	-	0.1U	-
Acenaphthylene	ug/L	N	NS	-	0.1U	-	0.1U	-
Acetone	ug/L	N	6000	-	6U	-	0.7U	-
Acetophenone	ug/L	N	700	-	4U	-	4U	-
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	-	1700U	-	1700U	-
Alkalinity, Total as CaCO3	ug/L	N	NS	-	274000	-	191000	-
Aluminum	ug/L	N	200	89.4U	-	**875**	-	**398**
Ammonia Nitrogen As N	ug/L	N	NS	-	-	-	-	-
Anthracene	ug/L	N	2000	-	0.1U	-	0.1U	-
Antimony	ug/L	N	6	1.4	-	2.3	-	3.6
Arsenic	ug/L	N	60	2.2	-	1.3J	-	2.6
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	-	2U	-	2U	-
Barium	ug/L	N	6000	132	-	183	-	184
Benzaldehyde	ug/L	N	NS	-	3U	-	3U	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E8	M030E8X	M030E9	M030E9X	M030F1
			Sample Date	04/30/2018	05/01/2018	11/26/2018	11/26/2018	04/30/2019
			SDG	CS682	CS682	CS764	CS764	CS849
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	-	0.5U	-	0.2U	-
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	-	0.1U	-	0.1U	-
Benzo(a)pyrene	ug/L	N	0.1	-	0.1U	-	0.1U	-
Benzo(b)fluoranthene	ug/L	N	0.2	-	0.1U	-	0.1U	-
Benzo(g,h,i)perylene	ug/L	N	NS	-	0.1U	-	0.1U	-
Benzo(k)fluoranthene	ug/L	N	0.5	-	0.1U	-	0.1U	-
Beryllium	ug/L	N	1	2.0U	-	1U	-	1U
bis(2-Chloroethoxy)methane	ug/L	N	NS	-	0.5U	-	0.5U	-
bis(2-Chloroethyl) ether	ug/L	N	7	-	0.5U	-	0.5U	-
bis(2-chloroisopropyl) ether	ug/L	N	3000	-	0.5U	-	0.5U	-
bis(2-Ethylhexyl)phthalate	ug/L	N	3	-	5U	-	5U	-
Bromodichloromethane	ug/L	N	1	-	0.5U	-	0.2U	-
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	-	0.5UJ	-	0.2U	-
Bromomethane (Methyl bromide)	ug/L	N	10	-	0.5U	-	0.3U	-
Butylbenzylphthalate	ug/L	N	100	-	2U	-	2U	-
Cadmium	ug/L	N	4	1.8U	-	1U	-	1U
Calcium	ug/L	N	NS	146000	-	234000	-	131000
Caprolactam	ug/L	N	NS	-	5U	-	5U	-
Carbazole	ug/L	N	NS	-	0.5U	-	0.5U	-

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E8	M030E8X	M030E9	M030E9X	M030F1
			Sample Date	04/30/2018	05/01/2018	11/26/2018	11/26/2018	04/30/2019
			SDG	CS682	CS682	CS764	CS764	CS849
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	-	1U	-	0.2U	-
Carbon Tetrachloride	ug/L	N	1	-	0.5U	-	0.2U	-
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	-	**6880000**	-	**5450000**	-
Chlorobenzene	ug/L	N	50	-	0.5U	-	0.2U	-
Chloroethane	ug/L	N	NS	-	0.5U	-	0.2U	-
Chloroform	ug/L	N	70	-	0.5U	-	0.2U	-
Chloromethane (Methyl chloride)	ug/L	N	NS	-	0.5U	-	0.2U	-
Chromium	ug/L	N	70	3.3U	-	5.3U	-	5.3U
Chrysene	ug/L	N	5	-	0.1U	-	0.1U	-
cis-1,2-Dichloroethene	ug/L	N	70	-	0.5U	-	0.2U	-
cis-1,3-Dichloropropene	ug/L	N	NS	-	0.5U	-	0.2U	-
Cobalt	ug/L	N	NS	2.0J	-	1.5U	-	4J
Copper	ug/L	N	1300	8.8J	-	49.4	-	66.1
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	-	2U	-	0.2U	-
Di-n-butylphthalate	ug/L	N	700	-	2U	-	2U	-
Di-n-octylphthalate	ug/L	N	100	-	5U	-	5U	-
Dibenz(a,h)anthracene	ug/L	N	0.3	-	0.1U	-	0.1U	-
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	-	0.5U	-	0.5U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E8	M030E8X	M030E9	M030E9X	M030F1
			Sample Date	04/30/2018	05/01/2018	11/26/2018	11/26/2018	04/30/2019
			SDG	CS682	CS682	CS764	CS764	CS849
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	-	0.5U	-	0.2U	-
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	-	0.5U	-	0.2U	-
Diethylphthalate	ug/L	N	6000	-	2U	-	2U	-
Dimethyl phthalate	ug/L	N	NS	-	2U	-	2U	-
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	-	3U	-	3U	-
Ethylbenzene	ug/L	N	700	-	0.5U	-	0.4U	-
Fluoranthene	ug/L	N	300	-	0.1U	-	0.1U	-
Fluorene	ug/L	N	300	-	0.1U	-	0.1U	-
Hexachlorobenzene	ug/L	N	0.02	-	0.1U	-	0.1U	-
Hexachlorobutadiene	ug/L	N	1	-	0.5U	-	0.5U	-
Hexachlorocyclopentadiene	ug/L	N	40	-	5U	-	5U	-
Hexachloroethane	ug/L	N	7	-	1U	-	1U	-
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	-	0.1U	-	0.1U	-
Iron	ug/L	N	300	**1260**	-	**9120**	-	**1690**
Iron	ug/L	Y	300	**813**	-	**7560**	-	**375**
Isophorone	ug/L	N	40	-	0.5U	-	0.5U	-
Isopropylbenzene	ug/L	N	NS	-	1U	-	0.2U	-
Lead	ug/L	N	50	1.5	-	10.2	-	6.1
Magnesium	ug/L	N	NS	346000	-	519000J	-	281000
Manganese	ug/L	N	50	**81.6**	-	**460**	-	**104**

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E8	M030E8X	M030E9	M030E9X	M030F1
			Sample Date	04/30/2018	05/01/2018	11/26/2018	11/26/2018	04/30/2019
			SDG	CS682	CS682	CS764	CS764	CS849
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	0.050U	-	0.05U	-	0.05U
Methyl acetate	ug/L	N	7000	-	1U	-	0.2U	-
Methyl-t-butyl ether	ug/L	N	70	-	0.5U	-	0.2U	-
Methylcyclohexane	ug/L	N	NS	-	1U	-	0.2U	-
Methylene chloride (Dichloromethane)	ug/L	N	3	-	0.5U	-	0.3U	-
N-Nitrosodi-n-propylamine	ug/L	N	10	-	0.7U	-	0.7U	-
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	-	0.7U	-	0.7U	-
Naphthalene	ug/L	N	300	-	0.1U	-	0.1U	-
Nickel	ug/L	N	100	4.0U	-	3.1U	-	15.8
Nitrobenzene	ug/L	N	6	-	0.5U	-	0.5U	-
Nitrogen, Nitrate as N	ug/L	N	NS	-	40U	-	40U	-
Nitrogen, Nitrite	ug/L	N	NS	-	15U	-	15U	-
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	-	0.5U	-	0.5U	-
Pentachlorophenol	ug/L	N	0.3	-	1U	-	1U	-
Phenanthrene	ug/L	N	NS	-	0.1U	-	0.1U	-
Phenol	ug/L	N	2000	-	0.5U	-	0.5U	-
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	125000	-	182000	-	103000
Pyrene	ug/L	N	200	-	0.1U	-	0.1U	-
Pyridine	ug/L	N	NS	-	-	-	-	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E8	M030E8X	M030E9	M030E9X	M030F1
			Sample Date	04/30/2018	05/01/2018	11/26/2018	11/26/2018	04/30/2019
			SDG	CS682	CS682	CS764	CS764	CS849
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	9.3U	-	21U	-	21U
Silver	ug/L	N	40	2.4U	-	5U	-	5U
Sodium	ug/L	N	50000	**3000000**	-	**4020000**	-	**2500000**
Styrene	ug/L	N	100	-	1U	-	0.2U	-
Sulfate (SO4)	ug/L	N	250000	-	**715000**	-	**570000**	-
Sulfide	ug/L	N	NS	-	3500	-	700U	-
Tentatively Identified Compound	ug/L	N	NS	-	-	-	-	-
Tetrachloroethene	ug/L	N	1	-	0.5U	-	0.2U	-
Thallium	ug/L	N	2	0.12U	-	0.11U	-	0.11U
Toluene	ug/L	N	600	-	0.5U	-	0.2U	-
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	35J	-
Total TIC VOCS	ug/L	N	NS	-	-	-	0U	-
trans-1,2-Dichloroethene	ug/L	N	100	-	0.5U	-	0.2U	-
trans-1,3-Dichloropropene	ug/L	N	NS	-	0.5U	-	0.2U	-
Trichloroethene (Trichloroethylene)	ug/L	N	1	-	0.5U	-	0.2U	-
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	-	0.5U	-	0.2U	-

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030E8	M030E8X	M030E9	M030E9X	M030F1
			Sample Date	04/30/2018	05/01/2018	11/26/2018	11/26/2018	04/30/2019
			SDG	CS682	CS682	CS764	CS764	CS849
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	REG	REG	REG	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	1.6U	-	3U	-	3U
Vinyl chloride (Chloroethene)	ug/L	N	1	-	0.5U	-	0.2U	-
Xylene (total)	ug/L	N	1000	-	0.5U	-	1U	-
Zinc	ug/L	N	2000	124	-	87.3	-	504

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030F1X	D1120191	M030F2	D112119X	M030F2X
			Sample Date	04/30/2019	11/20/2019	11/20/2019	11/21/2019	11/21/2019
			SDG	CS849	CS954	CS954	CS955	CS955
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	ug/L	N	1	0.2U	-	-	0.2U	0.2U
1,1,1-Trichloroethane	ug/L	N	30	0.3U	-	-	0.3U	0.3U
1,1,2,2-Tetrachloroethane	ug/L	N	1	0.2U	-	-	0.2U	0.2U
1,1,2-Trichloroethane	ug/L	N	3	0.2U	-	-	0.2U	0.2U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/L	N	NS	0.2U	-	-	0.2U	0.2U
1,1-Dichloroethane	ug/L	N	50	0.2U	-	-	0.2U	0.2U
1,2,4-Trichlorobenzene	ug/L	N	9	0.3U	-	-	0.3U	0.3U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	0.02	0.3U	-	-	0.3U	0.3U
1,2-Dibromoethane	ug/L	N	NS	0.2U	-	-	0.2U	0.2U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/L	N	600	0.2U	-	-	0.2U	0.2U
1,2-Dichloroethane	ug/L	N	2	0.3U	-	-	0.3U	0.3U
1,2-Dichloropropane	ug/L	N	1	0.2U	-	-	0.2U	0.2U
1,3-Dichlorobenzene	ug/L	N	600	0.2U	-	-	0.2U	0.2U
1,4-Dichlorobenzene	ug/L	N	75	0.2U	-	-	0.2U	0.2U
1,4-Dioxane	ug/L	N	NS	-	-	-	-	-
1-Methyl-naphthalene	ug/L	N	NS	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	N	700	0.5U	-	-	0.5U	0.5U
2,4,6-Trichlorophenol	ug/L	N	20	0.5U	-	-	0.5U	0.5U
2,4-Dichlorophenol	ug/L	N	20	0.5U	-	-	0.5U	0.5U
2,4-Dimethylphenol	ug/L	N	100	3U	-	-	3U	3U
2,4-Dinitrophenol	ug/L	N	40	14U	-	-	14U	14U

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030F1X	D1120191	M030F2	D112119X	M030F2X
			Sample Date	04/30/2019	11/20/2019	11/20/2019	11/21/2019	11/21/2019
			SDG	CS849	CS954	CS954	CS955	CS955
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4-Dinitrotoluene	ug/L	N	NS	1U	-	-	1UJ	1UJ
2,6-Dinitrotoluene	ug/L	N	NS	0.5U	-	-	0.5UJ	0.5UJ
2-Butanone (Methyl ethyl ketone)	ug/L	N	300	0.3U	-	-	0.3U	0.3U
2-Chloronaphthalene	ug/L	N	600	0.4UJ	-	-	0.4UJ	0.4UJ
2-Chlorophenol (o-Chlorophenol)	ug/L	N	40	0.5U	-	-	0.5U	0.5U
2-Hexanone	ug/L	N	NS	0.3U	-	-	0.3U	0.3U
2-Methyl-Naphthalene	ug/L	N	NS	0.1U	-	-	0.1UJ	0.1UJ
2-Methylphenol (o-Cresol)	ug/L	N	NS	0.5U	-	-	0.5U	0.5U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	NS	2U	-	-	2UJ	2UJ
2-Nitrophenol (o-Nitrophenol)	ug/L	N	NS	3U	-	-	3U	3U
3 & 4-Methylphenol	ug/L	N	NS	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	N	30	3U	-	-	3UJ	3UJ
3-Nitroaniline	ug/L	N	NS	3U	-	-	3UJ	3UJ
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	NS	8U	-	-	8U	8U
4-Bromophenylphenylether	ug/L	N	NS	0.5U	-	-	0.5UJ	0.5UJ
4-Chloroaniline	ug/L	N	30	4U	-	-	4UJ	4UJ
4-Chlorophenyl phenyl ether	ug/L	N	NS	0.5U	-	-	0.5UJ	0.5UJ
4-Hydroxy-3-methyl-2-pentatone	ug/L	N	NS	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	N	NS	0.5U	-	-	0.5U	0.5U
4-Methylphenol (p-Cresol)	ug/L	N	NS	0.5U	-	-	0.5U	0.5U
4-Nitroaniline	ug/L	N	NS	0.9U	-	-	0.9UJ	0.9UJ

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Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030F1X	D1120191	M030F2	D112119X	M030F2X
			Sample Date	04/30/2019	11/20/2019	11/20/2019	11/21/2019	11/21/2019
			SDG	CS849	CS954	CS954	CS955	CS955
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
4-Nitrophenol	ug/L	N	NS	10U	-	-	10U	10U
6-Methylchrysene	ug/L	N	NS	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	ug/L	N	NS	-	-	-	-	-
Acenaphthene	ug/L	N	400	0.1U	-	-	0.1UJ	0.1UJ
Acenaphthylene	ug/L	N	NS	0.1U	-	-	0.1UJ	0.1UJ
Acetone	ug/L	N	6000	1J	-	-	0.7U	0.7U
Acetophenone	ug/L	N	700	4U	-	-	4UJ	4UJ
Alkalinity to pH 4.5	ug/L	N	NS	-	-	-	-	-
Alkalinity to pH 8.3	ug/L	N	NS	-	-	-	-	-
Alkalinity, Bicarbonate as CaCO3	ug/L	N	NS	-	-	-	-	-
ALKALINITY, PHENOLPHTHALEIN	ug/L	N	NS	1700U	-	-	2600U	2600U
Alkalinity, Total as CaCO3	ug/L	N	NS	128000	-	-	341000	326000
Aluminum	ug/L	N	200	-	72.3	129	-	-
Ammonia Nitrogen As N	ug/L	N	NS	-	-	-	-	-
Anthracene	ug/L	N	2000	0.1U	-	-	0.1UJ	0.1UJ
Antimony	ug/L	N	6	-	20.3U	20.3U	-	-
Arsenic	ug/L	N	60	-	1.3J	1.3J	-	-
Arsenic	ug/L	Y	60	-	-	-	-	-
Atrazine	ug/L	N	3	2U	-	-	2UJ	2UJ
Barium	ug/L	N	6000	-	174	171	-	-
Benzaldehyde	ug/L	N	NS	3U	-	-	3UJ	3UJ

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MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030F1X	D1120191	M030F2	D112119X	M030F2X
			Sample Date	04/30/2019	11/20/2019	11/20/2019	11/21/2019	11/21/2019
			SDG	CS849	CS954	CS954	CS955	CS955
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Benzene	ug/L	N	100	0.2U	-	-	0.2U	0.2U
Benzenethiol	ug/L	N	NS	-	-	-	-	-
Benzo(a)anthracene	ug/L	N	0.1	0.1U	-	-	0.1UJ	0.1UJ
Benzo(a)pyrene	ug/L	N	0.1	0.1U	-	-	0.1UJ	0.1UJ
Benzo(b)fluoranthene	ug/L	N	0.2	0.1U	-	-	0.1UJ	0.1UJ
Benzo(g,h,i)perylene	ug/L	N	NS	0.1U	-	-	0.1UJ	0.1UJ
Benzo(k)fluoranthene	ug/L	N	0.5	0.1U	-	-	0.1UJ	0.1UJ
Beryllium	ug/L	N	1	-	1U	1U	-	-
bis(2-Chloroethoxy)methane	ug/L	N	NS	0.5UJ	-	-	0.5UJ	0.5UJ
bis(2-Chloroethyl) ether	ug/L	N	7	0.5U	-	-	0.5UJ	0.5UJ
bis(2-chloroisopropyl) ether	ug/L	N	3000	0.5U	-	-	0.5UJ	0.5UJ
bis(2-Ethylhexyl)phthalate	ug/L	N	3	5U	-	-	5UJ	5UJ
Bromodichloromethane	ug/L	N	1	0.2U	-	-	0.2U	0.2U
Bromofluorobenzene	ug/L	N	NS	-	-	-	-	-
Bromoform	ug/L	N	4	0.2U	-	-	1U	1U
Bromomethane (Methyl bromide)	ug/L	N	10	0.3U	-	-	0.3U	0.3U
Butylbenzylphthalate	ug/L	N	100	2U	-	-	2UJ	2UJ
Cadmium	ug/L	N	4	-	1U	1U	-	-
Calcium	ug/L	N	NS	-	209000	205000	-	-
Caprolactam	ug/L	N	NS	5U	-	-	5UJ	5UJ
Carbazole	ug/L	N	NS	0.5U	-	-	0.5UJ	0.5UJ

Notes:
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3. NA - No Criterion Available for the Analyte
4. NJDEP Approved Site Cleanup Criter

Table 2
MW-0030 Data

			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030F1X	D1120191	M030F2	D112119X	M030F2X
			Sample Date	04/30/2019	11/20/2019	11/20/2019	11/21/2019	11/21/2019
			SDG	CS849	CS954	CS954	CS955	CS955
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Carbon disulfide	ug/L	N	700	0.2U	-	-	0.2U	0.2U
Carbon Tetrachloride	ug/L	N	1	0.2U	-	-	0.2U	0.2U
Carbonate	ug/L	N	NS	-	-	-	-	-
Chloride	ug/L	N	250000	**4360000**	-	-	**9680000**	**10000000**
Chlorobenzene	ug/L	N	50	0.2U	-	-	0.2U	0.2U
Chloroethane	ug/L	N	NS	0.2U	-	-	0.2U	0.2U
Chloroform	ug/L	N	70	0.2U	-	-	0.2U	0.2U
Chloromethane (Methyl chloride)	ug/L	N	NS	0.2U	-	-	0.2U	0.2U
Chromium	ug/L	N	70	-	1.6U	1.6U	-	-
Chrysene	ug/L	N	5	0.1U	-	-	0.1UJ	0.1UJ
cis-1,2-Dichloroethene	ug/L	N	70	0.2U	-	-	0.2U	0.2U
cis-1,3-Dichloropropene	ug/L	N	NS	0.2U	-	-	0.2U	0.2U
Cobalt	ug/L	N	NS	-	1.7UJ	1.5U	-	-
Copper	ug/L	N	1300	-	21.8	23.7	-	-
Cyclic octaatomic sulfur	ug/L	N	NS	-	-	-	-	-
Cyclohexane	ug/L	N	NS	0.2U	-	-	1U	1U
Di-n-butylphthalate	ug/L	N	700	2U	-	-	2UJ	2UJ
Di-n-octylphthalate	ug/L	N	100	5U	-	-	5UJ	5UJ
Dibenz(a,h)anthracene	ug/L	N	0.3	0.1U	-	-	0.1UJ	0.1UJ
Dibenzo(a,h)acridine	ug/L	N	NS	-	-	-	-	-
Dibenzofuran	ug/L	N	NS	0.5U	-	-	0.5UJ	0.5UJ

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			Field Sample ID	M030F1X	D1120191	M030F2	D112119X	M030F2X
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			SDG	CS849	CS954	CS954	CS955	CS955
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Dibromochloromethane	ug/L	N	1	0.2U	-	-	0.2U	0.2U
Dichlorodifluoromethane (Freon 12)	ug/L	N	1000	0.2U	-	-	0.2U	0.2U
Diethylphthalate	ug/L	N	6000	2U	-	-	2UJ	2UJ
Dimethyl phthalate	ug/L	N	NS	2U	-	-	2UJ	2UJ
Diphenyl (Biphenyl, Phenyl benzene)	ug/L	N	400	3U	-	-	3UJ	3UJ
Ethylbenzene	ug/L	N	700	0.4U	-	-	0.4U	0.4U
Fluoranthene	ug/L	N	300	0.1U	-	-	0.1UJ	0.1UJ
Fluorene	ug/L	N	300	0.1U	-	-	0.1UJ	0.1UJ
Hexachlorobenzene	ug/L	N	0.02	0.1U	-	-	0.1UJ	0.1UJ
Hexachlorobutadiene	ug/L	N	1	0.5U	-	-	0.5UJ	0.5UJ
Hexachlorocyclopentadiene	ug/L	N	40	5U	-	-	5UJ	5UJ
Hexachloroethane	ug/L	N	7	1U	-	-	1UJ	1UJ
Indene	ug/L	N	NS	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.2	0.1U	-	-	0.1UJ	0.1UJ
Iron	ug/L	N	300	-	**5580**	**5330**	-	-
Iron	ug/L	Y	300	-	**3540**	**3320**	-	-
Isophorone	ug/L	N	40	0.5U	-	-	0.5UJ	0.5UJ
Isopropylbenzene	ug/L	N	NS	0.2U	-	-	0.2U	0.2U
Lead	ug/L	N	50	-	1.7	2.3	-	-
Magnesium	ug/L	N	NS	-	534000	526000	-	-
Manganese	ug/L	N	50	-	**309**	**292**	-	-

Notes:
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			Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
			Field Sample ID	M030F1X	D1120191	M030F2	D112119X	M030F2X
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			SDG	CS849	CS954	CS954	CS955	CS955
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Mercury	ug/L	N	2	-	0.05U	0.05U	-	-
Methyl acetate	ug/L	N	7000	0.2U	-	-	0.2U	0.2U
Methyl-t-butyl ether	ug/L	N	70	0.2U	-	-	0.2U	0.2U
Methylcyclohexane	ug/L	N	NS	0.2U	-	-	0.5U	0.5U
Methylene chloride (Dichloromethane)	ug/L	N	3	0.3U	-	-	0.3U	0.3U
N-Nitrosodi-n-propylamine	ug/L	N	10	0.7U	-	-	0.7UJ	0.7UJ
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	10	0.7U	-	-	0.7UJ	0.7UJ
Naphthalene	ug/L	N	300	0.1U	-	-	0.1UJ	0.1UJ
Nickel	ug/L	N	100	-	2.1UJ	2.1U	-	-
Nitrobenzene	ug/L	N	6	0.5U	-	-	0.5UJ	0.5UJ
Nitrogen, Nitrate as N	ug/L	N	NS	98J	-	-	40U	42J
Nitrogen, Nitrite	ug/L	N	NS	15U	-	-	15U	15U
o-Xylene	ug/L	N	NS	-	-	-	-	-
p-Chloro-m-cresol	ug/L	N	NS	0.5U	-	-	0.5U	0.5U
Pentachlorophenol	ug/L	N	0.3	1U	-	-	1U	1U
Phenanthrene	ug/L	N	NS	0.1U	-	-	0.1UJ	0.1UJ
Phenol	ug/L	N	2000	0.5U	-	-	0.5U	0.5U
Phosphorus	ug/L	N	NS	-	-	-	-	-
Potassium	ug/L	N	NS	-	180000	175000	-	-
Pyrene	ug/L	N	200	0.1U	-	-	0.1UJ	0.2J
Pyridine	ug/L	N	NS	-	-	-	-	-

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			SDG	CS849	CS954	CS954	CS955	CS955
			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Quinoline	ug/L	N	NS	-	-	-	-	-
Residue, Filterable	ug/L	N	NS	-	-	-	-	-
Selenium	ug/L	N	40	-	16U	16U	-	-
Silver	ug/L	N	40	-	5U	5U	-	-
Sodium	ug/L	N	50000	-	**4130000**	**4150000**	-	-
Styrene	ug/L	N	100	0.2U	-	-	0.2U	0.2U
Sulfate (SO4)	ug/L	N	250000	**551000**	-	-	**959000J**	**1040000J**
Sulfide	ug/L	N	NS	700U	-	-	700U	700U
Tentatively Identified Compound	ug/L	N	NS	-	-	-	-	-
Tetrachloroethene	ug/L	N	1	0.2U	-	-	0.2U	0.2U
Thallium	ug/L	N	2	-	0.13U	0.13U	-	-
Toluene	ug/L	N	600	0.2U	-	-	0.2U	0.2U
Total Dissolved Solids (TDS)	ug/L	N	500000	-	-	-	-	-
Total Hardness	ug/L	N	NS	-	-	-	-	-
Total Hardness As Caco3	ug/L	N	NS	-	-	-	-	-
Total TIC SVOCS	ug/L	N	NS	-	-	-	-	-
Total TIC VOCS	ug/L	N	NS	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	N	100	0.2U	-	-	0.2U	0.2U
trans-1,3-Dichloropropene	ug/L	N	NS	0.2U	-	-	0.2U	0.2U
Trichloroethene (Trichloroethylene)	ug/L	N	1	0.2U	-	-	0.2U	0.2U
Trichlorofluoromethane (Freon 11)	ug/L	N	2000	0.2UJ	-	-	0.2U	0.2U

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			Sample Type	GW	GW	GW	GW	GW
			Sample Matrix	WATER	WATER	WATER	WATER	WATER
			Sample Purpose	REG	FD	REG	FD	REG
Parameter Name	**Report Units**	**Filtered**	**DMS ISCO GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Vanadium	ug/L	N	NS	-	1.9U	1.9U	-	-
Vinyl chloride (Chloroethene)	ug/L	N	1	0.2U	-	-	0.2U	0.2U
Xylene (total)	ug/L	N	1000	1U	-	-	1U	1U
Zinc	ug/L	N	2000	-	83	97.1	-	-

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Attachments

New Jersey Department of Environmental Protection
Site Remediation Program

Monitoring Well Certification Form B - Location Certification

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Former Chevron Perth Amboy Refinery
List all AKAs: Buckeye Partners
Street Address: 1200 State Street
Municipality: City of Perth Amboy (Township, Borough or City)
County: Middlesex Zip Code: 08861
Program Interest (PI) Number(s): Case Tracking Number(s):

SECTION B. WELL OWNER AND LOCATION

1. Name of Well Owner
2. Well Location (Street Address) Main Yard, 1200 State Street, Perth Amboy, NJ 08861
3. Well Location (Municipal Block and Lot) Block # Lot #

SECTION C. WELL LOCATION SPECIFICS

1. Well Permit Number (This number must be permanently affixed to the well casing):
2. Site Well Number (As shown on application or plans): MW-0030
3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:
   Latitude: North 40°32'29.25" Longitude: West 74°15'52.85"
4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:
   North 622238.0 East 557522.6
5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 8.51
   Elevation of Top of Outer Casing: 8.74 Elevation of Ground: 6.6
   Check one: [ ] NAVD 88 [X] NGVD29 [ ] On Site Datum [ ] Other
6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).
   The vertical datum is the National Geodetic Vertical Datum of 1929 (NGVD29) Benchmark: USC&GS Monument C-37, NGVD29 elevation= 22.109'. Additional on-site benchmarks have been set throughout the facility.
7. Significant observations and notes:

RE-SURVEYED ON 9/25/15

SECTION D. LAND SURVEYOR'S CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Professional Land Surveyor's Signature: Date: 10/12/2015
Surveyor's Name: John D. Beattie License Number: 24GS04331900
Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200
Mailing Address: 402 Main Street
City/Town: Boonton State: New Jersey Zip Code: 07005
Phone Number: 973-316-8743 Ext: Fax: 973-402-6627

Borbas Surveying & Mapping, LLC

402 Main Street, Boonton, New Jersey 07005 Phone (973) 316-8743 Fax (973) 402-6627 www.borbas.com

MONITORING WELL CHART

Former Chevron Perth Amboy Refinery
Perth Amboy, New Jersey
October 12, 2015

Monitor Well ID	Grade Elev	Outer Casing	Inner Casing	Northing	Easting	Latitude North	Longitude West	Survey Date
MW-0030	6.6	8.74	8.51	622238.0	557522.6	40°32'29.25"	74°15'52.85"	9/25/2015
MW-241	11.8	11.77	11.37	621515.1	557188.1	40°32'22.12"	74°15'57.21"	9/25/2015
MW-255	10.7	10.65	10.39	619742.3	560324.1	40°32'04.51"	74°15'16.65"	9/25/2015
MW-268	10.8	10.76	10.43	622314.4	556919.4	40°32'30.02"	74°16'00.66"	9/25/2015
MW-324	17.0	17.02	16.44	622695.0	556562.7	40°32'33.79"	74°16'05.27"	9/25/2015

Notes:
1. The horizontal datum is the New Jersey State Plane Coordinate System NAD83, determined using previous Form B Certifications, prepared by Borbas Surveying and Mapping, LLC., for these wells
2. The vertical datum is the National Geodetic Vertical Datum of 1929 (NGVD29). Benchmark: USC&GS Monument C-37, NGVD29 elevation = 22.109'
3. All coordinates and elevations shown hereon are in U.S. Survey Feet.

John D. Beattie, P.L.S.
NJGS 24GS04331900
October 12, 2015

P:\LP\1995\02\950212\Documents\Monitoring Wells\Leidos Wells 2015-10-12\950212_2015-10-12_Well Chart_Leidos

SERIAL # 57578

DWR-133M (8/95)

2646953 - THRU - 2646157

Mail to

NJDEP
Bureau Water Allocation
CN 426
Trenton, NJ 08625-0426

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

MONITORING WELL PERMIT 16

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Permit No. 2646157

COORD #: 26 . 31 . 9 51

Owner: Chevron Products Company, Inc.
Address: 1200 State Street
Perth Amboy, NJ 08861

Name of Facility: Chevron Perth Amboy Refinery
Address: 1200 State Street
Perth Amboy, NJ 08861

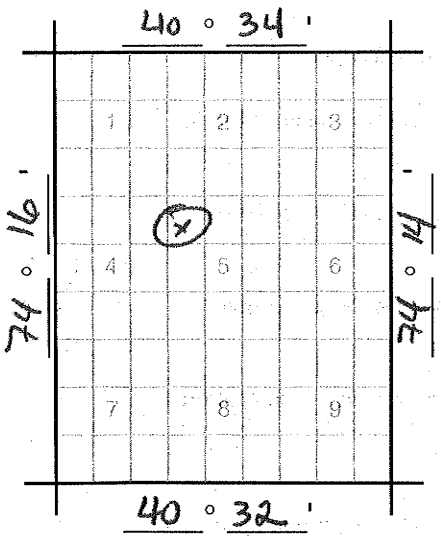
Driller: James C. Anderson Assoc., Inc.
Address: 907 Pleasant Valley Ave.
Mt. Laurel, NJ 08054

Diameter of Well(s)	4 Inches	Proposed Depth of Well(s)	25 Feet
# of Wells Applied for (max. 10)	5	Will pumping equipment be installed? YES ☐ NO ☑	
Type of Well (see reverse)	Monitoring	If Yes, give pump capacity	cumulative GPM

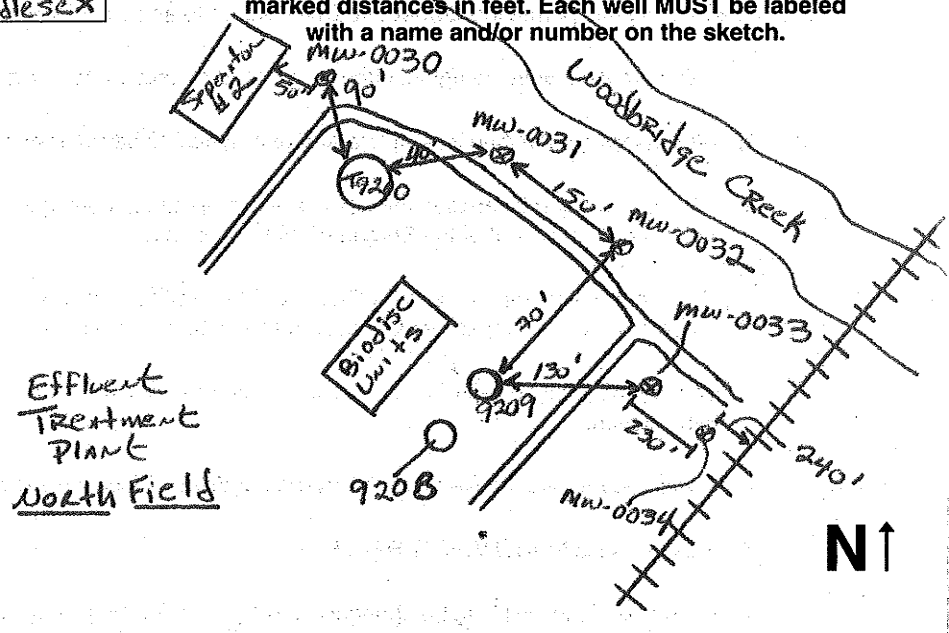
LOCATION OF WELL(S)

Lot #	Block #	Municipality	County
1	478-02	Perth Amboy	Middlesex

State Atlas Map No. 26



Draw sketch of well(s) nearest roads, buildings, etc. with marked distances in feet. Each well MUST be labeled with a name and/or number on the sketch.



FOR MONITORING WELLS, RECOVERY WELLS, OR PIEZOMETERS, THE FOLLOWING MUST BE COMPLETED BY THE APPLICANT. PLEASE INDICATE WHY THE WELLS ARE BEING INSTALLED:

- ☐ Spill Site
- ☐ ISRA Site
- ☐ CERCLA (Superfund) Site
- ☒ RCRA Site
- ☐ Underground Storage Tank Site
- ☐ Operational Ground Water Permit Site
- ☐ Pretreatment and Residuals Site
- ☐ Water and Hazardous Waste Enforcement Case
- ☐ Water Supply Aquifer Test Observation Well
- ☐ Other (explain) _____

CASE I.D. Number _____

This Space for Approval Stamp

WELL PERMIT APPROVED
N.J.D.E.P.
MAR 4 1997
BUREAU OF WATER ALLOCATION

FOR D.E.P. USE
☐ Issuance of this permit is subject to the conditions attached. (see next page)
☒ For monitoring purposes only
☐ _____
☒ The well(s) may not be completed with more than 25 feet of total screen or uncased borehole.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: Febuary 25, 1997 Signature of Driller: Jim Duffy Registration No. M1224

Signature of Owner: Bob Mancini

COPIES: Water Allocation — White Health Dept. — Yellow Owner — Blue Driller — White

DWR-138 M
11/96

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 26 - 46953

Atlas Sheet Coordinates 26 : 31 : 951

OWNER IDENTIFICATION - Owner CHEVRON PRODUCTS CO INC
Address 1200 STATE ST
City PERTH AMBOY State NJ Zip Code 08861

WELL LOCATION - If not the same as owner please give address. Owner's Well No. MW-0030
County MIDDLESEX Municipality PERTH AMBOY CTT Lot No. 1 Block No. 478.02
Address 1200 STATE ST

DATE WELL STARTED 3/17/97
DATE WELL COMPETED 3/17/97

TYPE OF WELL (as per Well Permit Categories) MONITORING
Regulatory Program Requiring Well RCRA Case I.D.# ____

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) ____ Tele. # ____

WELL CONSTRUCTION

Total depth drilled 10 ft.
Well finished to 7 ft.

Borehole diameter:
Top 10 in.
Bottom 10 in.

Well was finished: ☒ above grade ☐ flush mounted

If finished above grade, casing height (stick up) above land surface 2.5 ft.

Was steel protective casing installed? ☒ Yes ☐ No

Static water level after drilling 3 ft.

Water level was measured using M-Scope

Well was developed for 1 hours at 2 gpm

Method of development Bailer

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity ____ gpm

Pump type: ____

Drilling Fluid none Type of Rig CME55

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	2	4	PVC	Sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used .020)	2	7	4	PVC	Sch 40
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	1.5	10		#1 Morie	
Grout	0	1.5		Neat Cement Bentonite	94 lbs. 5 lbs.

Grouting Method Tremie
Drilling Method H.S.A.

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-8' Fine silty sand - fill material
8-10' Dark Gray organic clay

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company JAMES C. ANDERSON ASSOC. INC.

Well Driller (Print) Steve Burger

Driller's Signature Steve Burger (40)

Registration No. JD1620 Date 4/30/96

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
11/96

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 26 - 46953

Atlas Sheet Coordinates 26 : 31 : 951

OWNER IDENTIFICATION - Owner CHEVRON PRODUCTS CO INC
Address 1200 STATE ST
City PERTH AMBOY State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. MW - 0030
County MIDDLESEX Municipality PERTH AMBOY CIT Lot No. 1 Block No. 478.02
Address 1200 STATE ST

DATE WELL STARTED 3/17/97
DATE WELL COMPETED 3/17/97

TYPE OF WELL (as per Well Permit Categories) MONITORING
Regulatory Program Requiring Well RCRA Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Tele. #

WELL CONSTRUCTION

Total depth drilled 7.0 ft.
Well finished to 7.0 ft.

Borehole diameter: 10.0"
Top 8.0 in.
Bottom 8.0 in.

Well was finished: ☑ above grade ☐ flush mounted

If finished above grade, casing height (stick up) above land surface 2.5 ft.

Was steel protective casing installed? ☑ Yes ☐ No

Static water level after drilling ~~4.0~~ 3.0 ft.

Water level was measured using M-Scope

Well was developed for 1 hours at 2 gpm

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	+2.5'	3.0'	~~2.0~~	PVC	Sch. 40
Middle Casing (for triple cased wells only)			4.0"		
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	~~2.0~~ 2.0	7.0'	~~2.0~~ 2"	Sch 40 PVC	.02 ~~.010~~ SLOT Sch 40
Blank Casings (No. Used)			4.0"		
Tail Piece					
Gravel Pack	~~2.0~~ 1.5'	7.0'		#1 morrie	
Grout Bentonite	0	~~2.0~~ 1.5'		Neat Cement ___ lbs. Bentonite ___ lbs.	

Method of development bailed

Grouting Method
Drilling Method

Was permanent pumping equipment installed? ☐ Yes ☑ No

Pump capacity N/A gpm

Pump type: N/A

Drilling Fluid N/A Type of Rig

Health and Safety Plan submitted? ☑ Yes ☐ No

Level of Protection used on site (circle one) None D ~~C~~ B A

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company JAMES C. ANDERSON ASSOC. INC.

Well Driller (Print)

Driller's Signature

Registration No. Date / /

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

~~0~~ - 8' Fine Silty Sandy Fill material

8 - 10' DARK GREY Organic Clay

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

04/22/97 TUE 10:00 FAX 609 722 0175 JCA ASSOCIATES 004

New Jersey Department of Environmental Prot
Site Remediation Program

Monitoring Well Certification Form B - Locatio

Resurveyed on 4/4/14

SECTION A. SITE NAME AND LOCATION

Site Name: Former Chevron Perth Amboy Refinery
List all AKAs: Buckeye Partners
Street Address: 1200 State Street
Municipality: City of Perth Amboy (T
County: Middlesex Zi
Program Interest (PI) Number(s): C

SECTION B. WELL OWNER AND LOCATION

1. Name of Well Owner
2. Well Location (Street Address) Main Yard, 1200 State Street, Perth Amboy, NJ 08861
3. Well Location (Municipal Block and Lot) Block # Lot #

SECTION C. WELL LOCATION SPECIFICS

1. Well Permit Number (This number must be permanently affixed to the well casing):
2. Site Well Number (As shown on application or plans): MW-0030
3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:
   Latitude: North 40°32'29.25" Longitude: West 74°15'52.85"
4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:
   North 622238.0 East 557522.6
5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 8.71
   Elevation of Top of Outer Casing: 8.74 Elevation of Ground: 6.6
   Check one: [ ] NAVD 88 [X] NGVD29 [ ] On Site Datum [ ] Other
6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).
   The vertical datum is the National Geodetic Vertical Datum of 1929 (NGVD29). Benchmark: USC&GS Monument C-37, NGVD29 elevation = 22.109'.
7. Significant observations and notes:

SECTION D. LAND SURVEYOR'S CERTIFICATION

SEAL

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Professional Land Surveyor's Signature: Date: 4/21/2014
Surveyor's Name: John D. Beattie License Number: 24GS04331900
Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200
Mailing Address: 402 Main Street
City/Town: Boonton State: New Jersey Zip Code: 07005
Phone Number: 973-316-8743 Ext: Fax: 973-402-6627

CERTIFICATION FORM B - LOCATION CERTI

Well re-surveyed due to settlement. 1/16/06

Name of Owner: **Chevron USA Products Company**
Name of Facility: **Chevron Perth Amboy Refinery**
Location: **200 State Street, Perth Amboy, NJ 08861**
UST Registration Number: _____ UST Case

LAND SURVEYOR'S CERTIFICATION

Well Permit Number:
(This number must be permanently affixed to the well ca

Owner's Well Number (as shown on application or plans)

Geographic Coordinate NAD 83 (to nearest 1/10 of a second):

Longitude: **West 74° 15' 52.86"** Latitude: **North 40° 32' 29.26"**

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North: 622238.3 East: 557522.2

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): **8.56'**
(Ground= 6.7', Steel= 8.84')

Source of Elevation Datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.
NJ GC MON C-37 22.109' NVD 29

Significant observations and notes:
WELL HAS BEEN RECONSTRUCTED

AUTHENTICATION:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

January 16, 2006
Professional Land Surveyor's Signature Date

J. Peter Borbas, P.L.S., NJ License No. 31653
Professional Land Surveyor's Name and License Number

402 Main Street, Boonton, NJ 07005 (973) 316-8743
Professional Land Surveyor's Address and Phone Number

CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: **Chevron USA Products Company**
Name of Facility: **Chevron Perth Amboy Refinery**
Location: **200 State Street, Perth Amboy, NJ 08861**
UST Registration Number: _____ UST Case Number: ___ - ___ - ___ - _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number:
(This number must be permanently affixed to the well casing.)

Owner's Well Number (as shown on application or plans): **MW-30**

Geographic Coordinate NAD 83 (to nearest 1/10 of a second):

Longitude: **West 74° 15' 52.86"** Latitude: **North 40° 32' 29.26"**

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North: 622238.3 East: 557522.2

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): **8.56'**
(Ground= 6.7', Steel= 8.84')

Source of Elevation Datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.
NJ GC MON C-37 22.109' NVD 29

Significant observations and notes:
WELL HAS BEEN RECONSTRUCTED

Well resurveyed due to settlement on 1/16/06.

AUTHENTICATION:

I certify under penalty of law that I have per
this document and all attachments and that,
for obtaining the information, I believe the s
that there are significant penalties for submi
imprisonment.

CRB 6/9/06.

SEAL

Professional Land Surveyor's Signature Date

J. Peter Borbas, P.L.S., NJ License No. 31653
Professional Land Surveyor's Name and License Number

402 Main Street, Boonton, NJ 07005 (973) 316-8743
Professional Land Surveyor's Address and Phone Number

THIS FORM MUST BE COMPLETED BY THE PERMITTEE AND/OR SURVEYOR

MONITORING WELL CERTIFICATION-FORM B-LOCATION CERTIFICATION

Name of Permittee: Chevron USA Products Company
Name of Facility: Chevron Perth Amboy Refinery
Location: 1200 State St., Perth Amboy, NJ 08861
NJPDES Permit No:

LAND SURVEYOR'S CERTIFICATION

Well Permit Number:
This number must be permanently affixed to the well casing. 26-46953 -

Longitude (to nearest second): NAD 83 West 74° 15' 52.8"

Latitude (to nearest second): North 40° 32' 29.2"

Elevation of Top of Inner Casing (cap off, one-hundredth of a foot): PVC=8.57' Outer Casing=8.79' Ground=6.7'

Source of Elevation Datum (benchmark, etc.) and Elevation (If an alternate datum has been approved by the Department, identify here and give approximated elevation): Source: NGVD 1929

Elev: Mon C-37/22.109'

Owners Well Number (As shown on application or plans): MW-30

Authentication

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

April 1, 1997
PROFESSIONAL LAND SURVEYOR'S SIGNATURE

J. Peter Borbas, P.L.S.
11A Rockaway Valley Rd., I
PROFESSIONAL LAND SURVEYO

NJ GS License No. 31
PROFESSIONAL LAND SURVEYO

The information on this form is outdated. MW-30 was reserveyed due to settlement on 1/16/06. Please refer to the proper form.

GRB 6/9/06

MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION
(One form must be completed for each well)

Name of Permittee: Chevron Products Company, Inc.
Nameof Facility: Chevron Perth Amboy Refinery
Location: 1200 State Street, Perth Amboy, NJ 08861
NJPDES Permit No:

CERTIFICATION

Well Permit Number (As assigned by NJDEP's Well Drilling Permits Section (609-984-6831)):	26-46953-
Owner's Well Number (As shown on the application or plans):	MW-0030
Well Completion Date:	3-17-97
Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot):	2.50
Total Depth of Well (one-hundredth of a foot):	7.00
Depth to Top of Screen From Top of Casing (one-hundredth of a foot):	4.50
Screen Length (feet):	5.00
Screen or Slot Size:	.020
Screen or Slot Material:	Sch 40 PVC
Casing Material: (PVC, Steel or Other-Specify):	Sch 40 PVC
Casing Diameter (inches):	4.00
Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot):	3.00
Yield (gallons per minute):	2.00
Length of Time Well Pumped or Bailed:	1 Hours 0 Minutes
Lithologic Log:	Attach

Authentication

I certify under penalty of law that, where applicable, I meet the requirements as specified on the reverse of this page, that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

James W. Duffy
Name (Type or Print)

James W Duffy
Signature

M1224
Certification or License No.

Seal

Certification by Executive Officer or Duly Authorized Representative

Name (Type or Print)

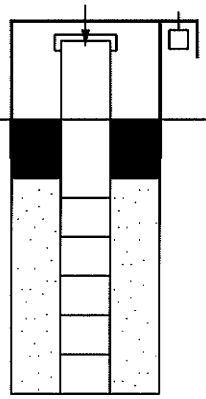
Signature

Title

Date

Site Id: MW-0030	STABILIZATION MEASURES
Consulting Firm: E.S.E., INC.	Location: NORTH FIELD
Logged By: F. SKOCYPEC	Permit No.: 2646953
Contractor: JCA ASSOCIATES, INC.	Date(s): 03/17/97 - 03/17/97
Drilling Method: Hollow Stem Auger	Borehole Dia.: 10.00in
Screens: size: 0.020in fm: 2.00' type: Slotted dia: 4.00in to: 7.00'	Total Depth: 10.00'
	Groundwater Depth: 3.00'
Annular Fill: type: Bentonite Grout fm: 0.00' to: 1.50' type: Sand Filter fm: 1.50' to: 7.00' type: fm: to:	Datum: MEAN SEA LEVEL
	Remarks:

Depth (ft)	Recovery	Water Level	OVM	Well Construction MP. EL. 8.57	USCS Code	Graphic Log	Material Description
			0.0 ppm		FI		[FILL] Auger to 2' BGS due to rock ballast, moist
			0.0 ppm		FI		[FILL] Brown f-c SAND, Silt, tr.f Gravel, trace rock fragment(ballast) obstruction @ 3' BGS, moist to wet
			0.0 ppm		FI		[FILL] Light grey and tan CLAYEY SILT, trace black organic, wet
					FI		[FILL] No Recovery
			0.0 ppm		CL/PT		Dark Grey Organic CLAY and MEADOW MAT/PEAT, wet
10							
20							



Please note that MW-30 was resurveyed due to settlement on 1/16/06. MPE is now 8.56', not 8.57' as shown here.

CRB 6/9/06.

Environmental Science
BORING REPORT

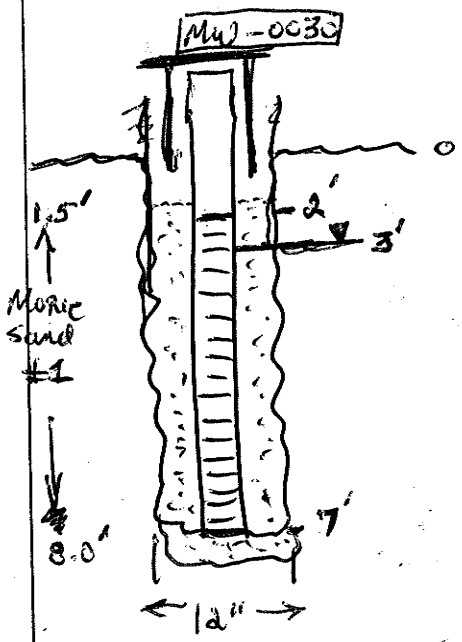
SHEET 1 OF
BORING NO. MW-30

DATE STARTED: 3/17/97
DATE FINISHED: 3/17/97
CLIENT: CHEVRON
PROJECT NAME AND LOCATION: North Field
PROJECT NO.(S): 4932360
BORING CONTRACTOR: JCA
BORING FOREMAN: Steve Burger
GEOLOGIST: FRANK SKOCYPEC (ESE)
INSPECTOR: FRANK SKOCYPEC

EQUIPMENT:	CASING	SOIL SAMPLER: SPLIT SPOON (SS)	SOIL SAMPLER: UNDISTURBED (US)	CORE BARREL	AUGER	OBS. WELL (OW): PIPE	OBS. WELL (OW): CAP	DRILLING RIG AND METHOD
TYPE:	Auger	PVC	Carbon SS		NA	NA	4" PVC	CME 55 Auger
SIZE:	6"	4"	2"		NA	6 5/8" BIT		
HAMMER WT\FALL		140/30/32"						

SURFACE ELEVATION: / NORTH COORDINATE: — EAST COORDINATE: —
SURFACE CONDITIONS: Rock Ballast 2"
GROUNDWATER AT 3 FT. AFTER ~~HRS~~ INITIAL FT. AFTER HRS.

DEPTH BELOW GND.	OVA/HNU READING @ (PPM)	SAMPLE TYPE & NO.	SAMPLE DEPTH FROM-TO	SAMPLE PEN IN.	SAMPLE REC IN.	SAMPLE BLOWS/6" OR CORE TIME	STRATA Unified Soil Classif.	DESCRIPTION AND REMARKS (Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%)
	0 cuttings	NA	0-2				FILL	Auger to 2 ft BGS due to Rock ballast fill material
5	0	SS1	2-4	24	2	3/5/7/14	FILL	Brown f-c sand and silt tr. f gravel tr. rock fragment (ballast) construction @ 3 ft
	0	SS2	4-6	24	8	6/7/9/9	Fill	Light grey & TAN Clayey SILT TR Black organic.
	NA	SS3	6-8	24	0	9/5/4/3	Fill	No Recovery
10	0	SS4	8-10	24	24	0/2/2/2	CLAY	DARK grey organic Clay & meadow mate/peat
15								
20								



SlOT Size 20=.02

TYPE BORING CASING TO FT THEN CASING TO FT.

QUANTITIES:	L.F.SOIL	L.F.ROCK	S.S.SAMPLES	US TUBES	L.F. OW PIPE

WR-138 M
/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 26 - 65073

Atlas Sheet Coordinates 26 : 41 : 319

WNER IDENTIFICATION - Owner CHEVRON PRODUCTS CO
ddress 1200 STATE ST
ity PERTH AMBOY State NJ Zip Code

ELL LOCATION - If not the same as owner please give address. Owner's Well No. NF-B (MW-136)
ounty MIDDLESEX Municipality PERTH AMBOY CIT Lot No. I Block No. 484.1
ddress 1200 STATE ST

YPE OF WELL (as per Well Permit Categories) MONITORING
DATE WELL STARTED 8/19/02
DATE WELL COMPLETED 8/19/02
egulatory Program Requiring Well Case I.D.#

ONSULTING FIRM/FIELD SUPERVISOR (if applicable) Tele. #

WELL CONSTRUCTION

otal depth drilled 11 ft.
ell finished to 11 ft.

orehole diameter:
Top 8 in.
Bottom 8 in.

ell was finished: [X] above grade
[ ] flush mounted

finished above grade, casing height (stick p) above land surface 3 ft.

as steel protective casing installed?
[X] Yes [ ] No

atic water level after drilling 4.45 ft.

ater level was measured using M-Scope

ell was developed for 1 hours
1.25 gpm

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	+3	1	4	PVC	Sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used .010)	1	11	4	PVC	Sch 40
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	.5	11		#0	
Grout	0	.5		Neat Cement Bentonite	47 lbs. 25 lbs.

Grouting Method Tremie
Drilling Method H.S.A.

ethod of development pumping

as permanent pumping equipment installed? [ ] Yes [X] No

ump capacity — gpm

ump type: —

rilling Fluid Potable Water Type of Rig B-57

ealth and Safety Plan submitted? [X] Yes [ ] No

evel of Protection used on site (circle one) None (D) C B A

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

rilling Company JAMES C. ANDERSON ASSOC. INC.

ell Driller (Print) Wellington Reeve

iller's Signature Wellington Reeve

egistration No. J1455 Date 9/30/02

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-4 - Black gravelly Sand, brn F Silt
4-6 - DL brown F. sandy Silt
6-8' - Peat
8-11' - Red/brown F-M silty sand

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____

OR

LATITUDE: ___° ___' ___.__" LONGITUDE: ___° ___' ___.__"

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: Chevron USA Products Company
Name of Facility: Chevron Perth Amboy Refinery
Location: 1200 State Street, Perth Amboy, NJ 08861
UST Registration Number: _____ UST Case Number: ___ - ___ - ___ - _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number:
(This number must be permanently affixed to the well casing.)

Owner's Well Number (as shown on application or plans): **MW136**

Geographic Coordinate NAD 83 (to nearest 1/10 of a second):

Longitude: West **74° 15' 51.79"** Latitude: North **40° 32' 28.65"**

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North: **622177.5** East **557604.7**

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): **8.11' (Steel=8.50', Grnd=5.8')**

Source of Elevation Datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.
NJ GC MON C-37 22.109' NVD 29

Significant observations and notes:

AUTHENTICATION:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

September 25, 2002
Professional Land Surveyor's Signature Date

J. Peter Borbas, P.L.S., NJ License No. 31653
Professional Land Surveyor's Name and License Number

402 Main Street, Boonton, NJ 07005 (973) 316-8743
Professional Land Surveyor's Address and Phone Number

MONITORING WELL CERTIFICATION-FORM A- AS-BUILT CERTIFICATION
(One form must be completed for each well)

Name of Permittee: Chevron Products Company
Name of Facility: Chevron - Perth Amboy Facility
Location: 1200 State Street, Perth Amboy City, Middlesex County, New Jersey
NJPDES Permit No: _____

CERTIFICATION

Well Permit Number (As assigned by NJDEP's Well Drilling Permits Section, (609-984-6831)) :	26-65073
Owner's Well Number (As shown on the application or plans):	NF-B (MW-136)
Well Completion Date:	8-19-02
Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot):	+3.00
Total Depth of Well (one-hundredth of a foot):	11.00
Depth to Top of Screen From Top of Casing (one-hundredth of a foot):	4.00
Screen Length (feet):	10.00
Screen or Slot Size:	.010
Screen or Slot Material:	Sch 40 PVC
Casing Material: (PVC, Steel or Other-Specify):	Sch 40 PVC
Casing Diameter (inches):	4"
Static Water Level from Top of Casing at the Time of Installation (one-hundredth of a foot):	4.45
Yield (gallons per minutes):	1.25
Length of Time well Pumped or Bailed:	1 Hour 00 Minutes
Lithologic Log:	Attach

AUTHENTICATION

I certify under penalty of law that, where applicable, I meet the requirements as specified on the reverse of this page, that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

James W. Duffy
Name (Type or Print)

James W. Duffy
Signature

M1224
Certification or License No.

Seal

_____
Certification by Executive Officer or Duly Authorized Representative

_____
Name (Type or Print)

_____
Signature

_____
Title

_____
Date

DWR-133M
2/00

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

MONITORING WELL PERMIT

Mail To:
NJDEP
BUREAU OF WATER ALLOCATION
PO BOX 426
TRENTON, NJ 08625-0426

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Permit No. _____

COORD #: • •

Owner _____ Driller _____

Address _____ Address _____

Name of Facility _____

Address _____

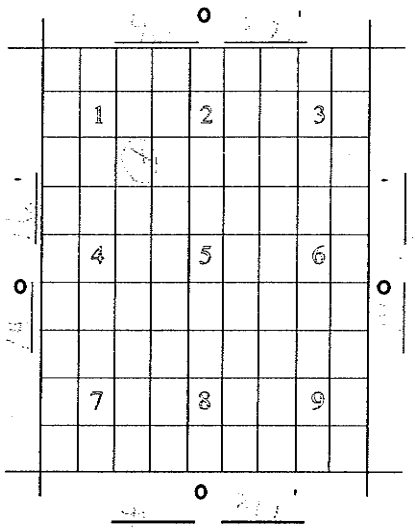
Diameter of Well(s) Inches	Proposed Depth of Well(s) Feet
# of Wells Applied for (max. 10)	Will pumping equipment be utilized? YES ☐ NO ☐
Type of Well (see reverse)	If Yes, give pump capacity cumulative GPM

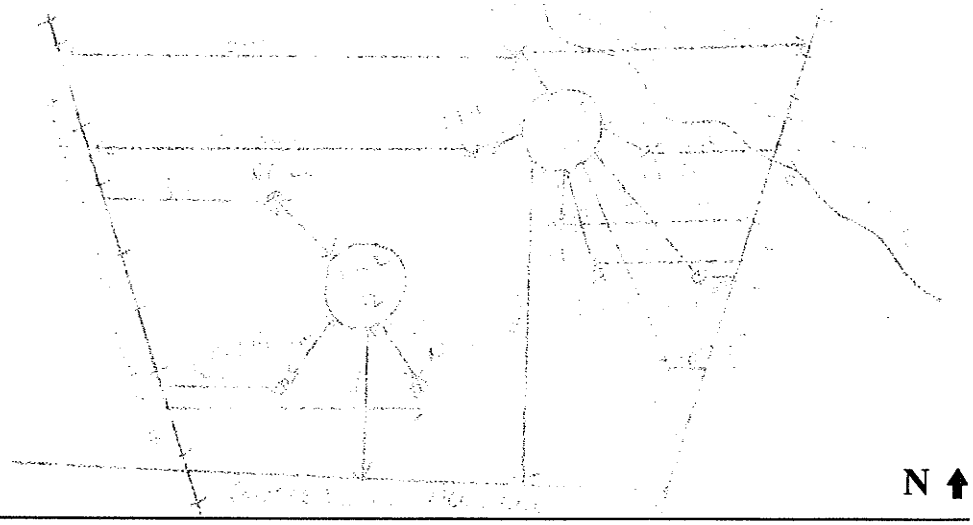
LOCATION OF WELL(S)

Lot #	Block #	Municipality	County

State Atlas Map No. _____

Draw sketch of well(s) nearest roads,buildings, etc. with marked distances in feet. Each well MUST be labeled with a name and/or number on the sketch.





FOR MONITORING WELLS, RECOVERY WELLS, OR PIEZOMETERS, THE FOLLOWING MUST BE COMPLETED BY THE APPLICANT. PLEASE INDICATE WHY THE WELLS ARE BEING INSTALLED:

- ☐ Spill Site
- ☐ ISRA Site
- ☐ CERCLA (Superfund) Site
- ☐ RCRA Site
- ☐ Underground Storage Tank Site
- ☐ Operational Ground Water Permit Site
- ☐ Pretreatment and Residuals Site
- ☐ Water and Hazardous Waste Enforcement Case
- ☐ Water Supply Aquifer Test Observation Well
- ☐ Other (explain)_____

CASE I.D. Number _____

This Space for Approval Stamp

WELL PERMIT APPROVED
N.J.D.E.P.
JUL 2 2002

FOR D.E.P. USE
☐ Issuance of this permit is subject to the conditions attached. (see next page)
☐ For monitoring purposes only
☐ The well(s) may not be completed with more than 25 feet of total screen or uncased borehole.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS PERTAINING TO THIS PERMIT.
In compliance with N.J.S.A.58:4A-14, application is made for a permit to drill a well as described above.

Date _____ Signature of Driller _____ Registration No. _____

Signature of Property Owner _____

COPIES: Water Allocation - White Health Dept. - Yellow Owner - Blue Driller - White

CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: Chevron USA Products Company
Name of Facility: Chevron Perth Amboy Refinery
Location: 1200 State Street, Perth Amboy, NJ 08861
UST Registration Number: _____ UST Case Number: ___ - ___ - ___ - _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number:
(This number must be permanently affixed to the well casing.)

Owner's Well Number (as shown on application or plans): **MW136**

Geographic Coordinate NAD 83 (to nearest 1/10 of a second):

Longitude: West **74° 15' 51.79"** Latitude: North **40° 32' 28.65"**

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North: **622177.5** East **557604.7**

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): **8.11' (Steel=8.50', Grnd=5.8')**

Source of Elevation Datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.
NJ GC MON C-37 22.109' NVD 29

Significant observations and notes:

AUTHENTICATION:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

September 25, 2002
Professional Land Surveyor's Signature Date

J. Peter Borbas, P.L.S., NJ License No. 31653
Professional Land Surveyor's Name and License Number

402 Main Street, Boonton, NJ 07005 (973) 316-8743
Professional Land Surveyor's Address and Phone Number

Site Id: MW-136	Purpose: Monitoring Well, Shallow
Logged By: MW / PP	Location: NORTH FIELD, SWMU 41
Consulting Firm: RFI TEAM	Permit No.: 26-65073
Contractor: JCA	Date(s): 08/19/02 - 08/19/02
Drilling Method: Geoprobe - Stainless Steel Split Spoon	Borehole Dia.: 2.00in
Screens: type: Slotted size: 0.010india: 4.00in fm: 1.00' to: 11.00'	Total Depth: 12.00'
	Groundwater Level: 2.00'
Annular Fill: type: Bentonite Grout fm: 0.00' to: 0.50' type: Sand Pack (generic) fm: 0.50' to: 11.00' type: fm: to:	
	Datum: MEAN SEA LEVEL

Depth (ft)	Recovery	Water Level	PID	Well Construction	USCS Code	Graphic Log	Material Description
			0 ppm	MP. EL. 8.11	FI/GC		Light Brown, C-F GRAVEL, some clay, little C-F sand, loose to medium dense, moist to wet
					FI/SP		Light Brown, F SAND, trace C sand and F Gravel, medium dense, wet
			0 ppm				
			24 ppm 10 ppm		CL		Dark Gray, CLAY with trace organic material, very soft, wet
			0 ppm 7 ppm 1.5 ppm		CL		Dark Gray, CLAY with trace organic material, very soft, wet
			9 ppm 22 ppm 34 ppm		CL		Dark Gray, CLAY, very soft, wet
10			11 ppm 18 ppm 11 ppm 5 ppm		CL		Dark Gray, CLAY with shells at 11.5', very soft, wet
20							

CERTIFICATION FORM B - LOCATION CERTIFIC

Well re-surveyed due to ground settlement. 1/16/06

Name of Owner: **Chevron USA Products Company**
Name of Facility: **Chevron Perth Amboy Refinery**
Location: **200 State Street, Perth Amboy, NJ 08861**
UST Registration Number: _____ UST Case Nu

LAND SURVEYOR'S CERTIFICATION

Well Permit Number:
(This number must be permanently affixed to the well casin

Owner's Well Number (as shown on application or plans): **I**

Geographic Coordinate NAD 83 (to nearest 1/10 of a second):

Longitude: **West 74° 15' 52.6"** Latitude: **North 40° 31' 28.6"**

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North: 622175.9 East: 557543.5

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 9.56'
(Ground= 7.2', Steel= 9.92')

Source of Elevation Datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.
NJ GC MON C-37 22.109' NVD 29

Significant observations and notes:
WELL HAS BEEN RECONSTRUCTED

AUTHENTICATION:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

January 16, 2006
Professional Land Surveyor's Signature Date

J. Peter Borbas, P.L.S., NJ License No. 31653
Professional Land Surveyor's Name and License Number

402 Main Street, Boonton, NJ 07005 (973) 316-8743
Professional Land Surveyor's Address and Phone Number

DWR-133M
2/00

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

MONITORING WELL PERMIT 16

Permit No. 2660754

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Mail To:
NJDEP
BUREAU OF WATER ALLOCATION
PO BOX 426
TRENTON, NJ 08625-0426

COORD #: 26 • 41 • 3 19

Owner Chevron Products Company

Address 1200 State Street
Perth Amboy NJ 08861

Name of Facility Perth Amboy Refinery

Address Same

Driller JCA Associates, Inc

Address 1256 N. Church Street
Moorestown, NJ 08057

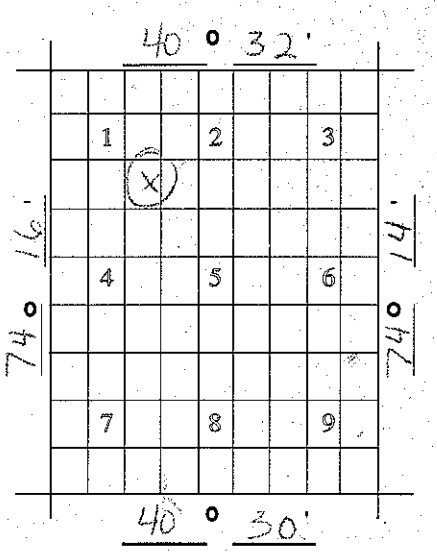
Diameter of Well(s)	4 Inches	Proposed Depth of Well(s)	12 Feet
# of Wells Applied for (max. 10)	1	Will pumping equipment be utilized?	YES ☐ NO ☑
Type of Well (see reverse)	Monitoring Well	If Yes, give pump capacity	— cumulative GPM

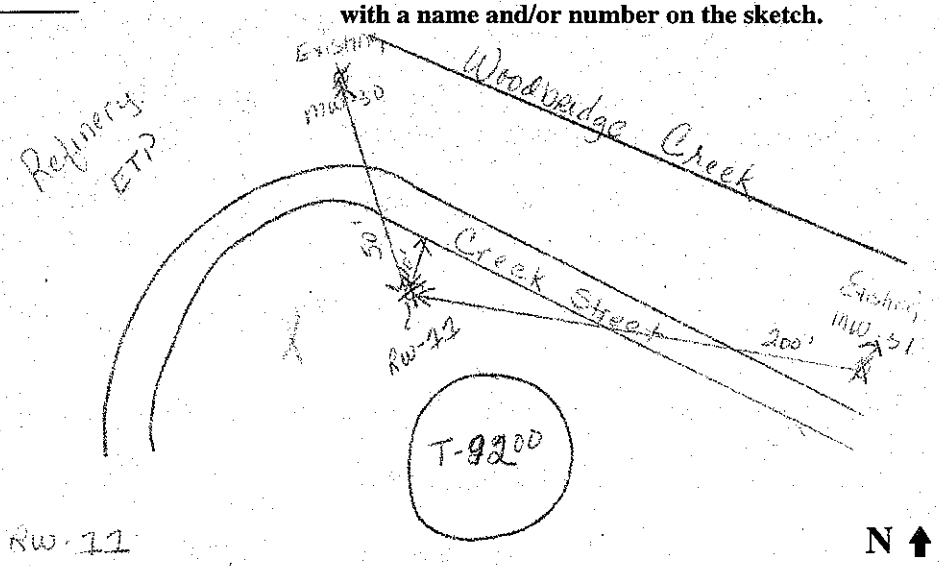
LOCATION OF WELL(S)

Lot #	Block #	Municipality	County
1	478.02	Perth Amboy	Middlesex

State Atlas Map No. 26

Draw sketch of well(s) nearest roads,buildings, etc. with marked distances in feet. Each well MUST be labeled with a name and/or number on the sketch.





FOR MONITORING WELLS, RECOVERY WELLS, OR PIEZOMETERS, THE FOLLOWING MUST BE COMPLETED BY THE APPLICANT. PLEASE INDICATE WHY THE WELLS ARE BEING INSTALLED:

- ☐ Spill Site
- ☐ ISRA Site
- ☐ CERCLA (Superfund) Site
- ☑ RCRA Site
- ☐ Underground Storage Tank Site
- ☐ Operational Ground Water Permit Site
- ☐ Pretreatment and Residuals Site
- ☐ Water and Hazardous Waste Enforcement Case
- ☐ Water Supply Aquifer Test Observation Well
- ☐ Other (explain)

CASE I.D. Number

This Space for Approval Stamp

WELL PERMIT APPROVED
N.J.D.E.P.
APR 2 2001
BUREAU OF WATER ALLOCATION

FOR D.E.P. USE
- ☐ Issuance of this permit is subject to the conditions attached. (see next page)
- ☑ For monitoring purposes only
- ☑ The well(s) may not be completed with more than 25 feet of total screen or uncased borehole.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS PERTAINING TO THIS PERMIT.
In compliance with N.J.S.A.58:4A-14, application is made for a permit to drill a well as described above.

Date 3/21/01

Signature of Driller James W. Kasky

Registration No. M1224

Signature of Property Owner Tom Lambert

D95DRE-456

COPIES: Water Allocation - White Health Dept. - Yellow Owner - Blue Driller - White

CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: Chevron USA Products Company
Name of Facility: Chevron Perth Amboy Refinery
Location: 1200 State Street, Perth Amboy, NJ 08861
UST Registration Number: _____ UST Case Number: ___ - ___ - ___ - _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number:
(This number must be permanently affixed to the well casing.)

Owner's Well Number (as shown on application or plans): RW-11

Geographic Coordinate NAD

Longitude: West 74°

New Jersey State Plane Coor

North: 622,176 East

Elevation of Top of Inner Ca 9.97')

Source of Elevation Datum (used,
identify here, assume datum (
NJ GC MON C-37 22.109'

Significant observations and

This information is outdated. RW-11 was resurveyed due to ground settlement. Please see the appropriate form.

CLB 6/9/06

AUTHENTICATION:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

July 13, 2001
Professional Land Surveyor's Signature Date

J. Peter Borbas, P.L.S., NJ License No. 31653
Professional Land Surveyor's Name and License Number

402 Main Street, Boonton, NJ 07005 (973) 316-8743
Professional Land Surveyor's Address and Phone Number

CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: Chevron USA Products Company
Name of Facility: Chevron Perth Amboy Refinery
Location: 1200 State Street, Perth Amboy, NJ 08861
UST Registration Number: _____ UST Case Number: ___ - ___ - ___ - _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number:
(This number must be permanently affixed to the well casing.)

Owner's Well Number (as shown on application or plans): RW-11

Geographic Coordinate NAD 83 (to nearest 1/10 of a second):

Longitude: West 74° 15' 52.6" Latitude: North 40° 32' 28.6"

New Jersey State Plane

North: 622,176

This information is outdated. RW-11 was resurveyed due to ground settlement. Please refer to the proper form.

Elevation of Top of Inn teel=9.97')

Source of Elevation Da m is used, identify here, assume da
NJ GC MON C-37 22.

Significant observations

CRB 6/9/04.

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J. Peter Borbas, P.L.S., NJ License No. 31653
Professional Land Surveyor's Name and License Number

402 Main Street, Boonton, NJ 07005 (973) 316-8743
Professional Land Surveyor's Address and Phone Number

DWR-138 M
11/98

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Revised

Well Permit No. 26 - 60754

Atlas Sheet Coordinates 26 : 41 : 319

OWNER IDENTIFICATION - Owner Chevron Products Co
Address 1200 State Street
City Perth Amboy State NJ Zip Code 08861

WELL LOCATION - If not the same as owner please give address. Owner's Well No. RW-11
County Middlesex Municipality Perth Amboy Lot No. 1 Block No. 478.02
Address 1200 State Street

DATE WELL STARTED 4 / 3 / 01
DATE WELL COMPLETED 4 / 3 / 01

TYPE OF WELL (as per Well Permit Categories) Monitoring
Regulatory Program Requiring Well RCRA Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Tele. #

WELL CONSTRUCTION

Total depth drilled 11 ft.
Well finished to 11 ft.

Borehole diameter:
Top 14 in.
Bottom 14 in.

Well was finished: ☐ above grade ☑ flush mounted

If finished above grade, casing height (stick up) above land surface 3 ft.

Was steel protective casing installed? ☐ Yes ☐ No

Static water level after drilling 3' ft.

Water level was measured using m-scope

Well was developed for 1 hours at 2 gpm

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	+3	1	4	PVC	Sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used .125)	1	11	4	PVC	Sch 40
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	.5	11		3/8 Pea Gravel	
Grout	0	.5		Neat Cement Bentonite	47 lbs. 25 lbs.

Grouting Method Gravity Pour
Drilling Method H.S.A.

Method of development pumping

Was permanent pumping equipment installed? ☐ Yes ☑ No

Pump capacity — gpm

Pump type: —

Drilling Fluid Potable Water Type of Rig H.S.A

Health and Safety Plan submitted? ☑ Yes ☐ No

Level of Protection used on site (circle one) None D C B A

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company James C. Anderson Assoc. Inc

Well Driller (Print) Wellington Reeve

Driller's Signature Wellington Reeve

Registration No. J1455 Date 5 21 01

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-2' - Traprock - fill
2'-6.5' - Light brown fine sand
6.5'-10' - Red/brown clay
10'-11' - Orange clay

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

MONITORING WELL CERTIFICATION-FORM A- AS-BUILT CERTIFICATION
(One form must be completed for each well)

Name of Permittee: Chevron Products Company
Name of Facility: Chevron Products Company
Location: 1200 State Street, Perth Amboy, NJ 08861
NJPDES Permit No: _____

CERTIFICATION

Well Permit Number (As assigned by NJDEP's Well Drilling Permits Section, (609-984-6831)) :	26 - 60754
Owner's Well Number (As shown on the application or plans):	RW-11
Well Completion Date:	4-03-01
Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot):	+3.00
Total Depth of Well (one-hundredth of a foot):	11.00
Depth to Top of Screen From Top of Casing (one-hundredth of a foot):	4.00
Screen Length (feet):	10.00
Screen or Slot Size:	.010
Screen or Slot Material:	Sch 40 PVC
Casing Material: (PVC, Steel or Other-Specify):	Sch 40 PVC
Casing Diameter (inches):	4"
Static Water Level from Top of Casing at the Time of Installation (one-hundredth of a foot):	3.00
Yield (gallons per minutes):	2
Length of Time well Pumped or Bailed:	1 Hours 00 minutes
Lithologic Log:	Attach

AUTHENTICATION

I certify under penalty of law that, where applicable, I meet the requirements as specified on the reverse of this page, that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

James W. Duffy
Name (Type or Print)

James W. Duffy
Signature

M1224
Certification or License No.

Seal

_____
Certification by Executive Officer or Duly Authorized Representative

_____
Name (Type or Print)

_____
Signature

_____
Title

_____
Date

L:\DRILLING\FORMS\FORM.A\26-60754.WPD

CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: **Chevron USA Products Company**
Name of Facility: **Chevron Perth Amboy Refinery**
Location: **200 State Street, Perth Amboy, NJ 08861**
UST Registration Number: _____ UST Case Number: ___ - ___ - ___ - _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number:
(This number must be permanently affixed to the well casing.)

Owner's Well Number (as shown on application or plans): **RW-11**

Geographic Coordinate NAD 83 (to nearest 1/10 of a second):

Longitude: **West 74° 15' 52.6"** Latitude: **North 40° 31' 28.6"**

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North: 622175.9 East: 557543.5

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 9.56'
(Ground= 7.2', Steel= 9.92')

Source of Elevation Datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.
NJ GC MON C-37 22.109' NVD 29

Significant observations and notes:
WELL HAS BEEN RECONSTRUCTED

AUTHENTICATION:

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this document and all attachments and that, based on my inquiry of
for obtaining the information, I believe the submitted information is
that there are significant penalties for submitting false information i
imprisonment.

SEAL

January 16, 2006
Professional Land Surveyor's Signature Date

J. Peter Borbas, P.L.S., NJ License No. 31653
Professional Land Surveyor's Name and License Number

402 Main Street, Boonton, NJ 07005 (973) 316-8743
Professional Land Surveyor's Address and Phone Number

Well resurveyed due to ground settlement on 1/16/06.

CMB 6/9/06.

New Jersey Department of Environmental Protection
Site Remediation Program

Monitoring Well Certification Form B - Location Certification

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Former Chevron Perth Amboy Refinery
List all AKAs: Buckeye Partners
Street Address: 1200 State Street
Municipality: City of Perth Amboy (Township, Borough or City)
County: Middlesex Zip Code: 08861
Program Interest (PI) Number(s): Case Tracking Number(s):

SECTION B. WELL OWNER AND LOCATION

1. Name of Well Owner
2. Well Location (Street Address) Main Yard, 1200 State Street, Perth Amboy, NJ 08861
3. Well Location (Municipal Block and Lot) Block # Lot #

SECTION C. WELL LOCATION SPECIFICS

1. Well Permit Number (This number must be permanently affixed to the well casing):
2. Site Well Number (As shown on application or plans): RW-011
3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:
   Latitude: North 40°32'28.64" Longitude: West 74°15'52.58"
4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:
   North 622176.2 East 557543.5
5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 9.84
   Elevation of Top of Outer Casing: 9.93 Elevation of Ground: 7.2
   Check one: [ ] NAVD 88 [X] NGVD29 [ ] On Site Datum [ ] Other
6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).
   The vertical datum is the National Geodetic Vertical Datum of 1929 (NGVD29). Benchmark: USC&GS Monument C-37, NGVD29 elevation = 22.109'.
7. Significant observations and notes:

SECTION D. LAND SURVEYOR'S CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

Professional Land Surveyor's Signature: Date: 4/21/2014
Surveyor's Name: John D. Beattie License Number: 24GS04331900
Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200
Mailing Address: 402 Main Street
City/Town: Boonton State: New Jersey Zip Code: 07005
Phone Number: 973-316-8743 Ext: Fax: 973-402-6627

New Jersey Department of Environmental Protection
Site Remediation Program

Monitoring Well Certification Form B - Location Certification

Date Stamp
(For Department use only)

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5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 9.84
   Elevation of Top of Outer Casing: 9.93 Elevation of Ground: 7.2
   Check one: [ ] NAVD 88 [X] NGVD29 [ ] On Site Datum [ ] Other
6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).
   The vertical datum is the National Geodetic Vertical Datum of 1929 (NGVD29). Benchmark: USC&GS Monument C-37, NGVD29 elevation = 22.109'.
7. Significant observations and notes:

SECTION D. LAND SURVEYOR'S CERTIFICATION

SEAL

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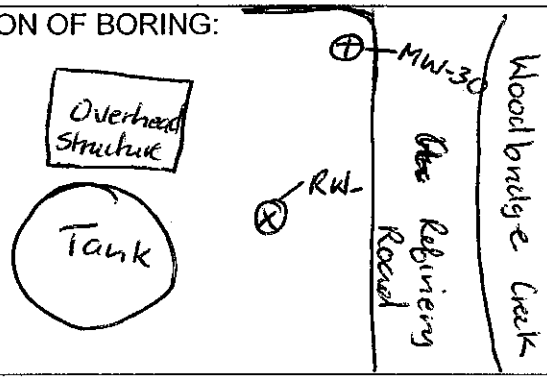
Professional Land Surveyor's Signature: Date: 4/21/2014
Surveyor's Name: John D. Beattie License Number: 24GS04331900
Firm Name: Borbas Surveying & Mapping, LLC Certificate of Authorization #: 24GA28056200
Mailing Address: 402 Main Street
City/Town: Boonton State: New Jersey Zip Code: 07005
Phone Number: 973-316-8743 Ext: Fax: 973-402-6627

PROJECT: LNAPL Recovery	START TIME: 1030	PAGE: 1 of 1
SAMPLE ID: RW-11	COMPLETION TIME: 1200	FIELD BOOK # 48
LOGGED BY: TIF	DATE: 4/3/01	
CONTRACTOR: JCA	BORING DEPTH: 12' NY	
DRILL RIG TYPE: Hollow Stem A	CASING DEPTH: 1-11'	
DRILLER NAME: W. Reeve	WATER DEPTH: 3'	
SAMPLING METHODS:	SURFACE ELEVATION:	
HAMMER WT: 140 lbs	DATUM: Groundsurface	
DROP: 30 inches	CONDITIONS: Gravels	

NOTES:
Well ϕ = 4"
Borehole ϕ = 14"

LOCATION OF BORING:



SAMPLE DEPTH	OVM (ppm)	INCHES DRIVEN	INCHES RECOVERED	DRILLING RATE (ft/min)	FILL/NATIVE CONTACT	LAB SAMPLE DEPTH	DEPTH IN FEET	USCS CODE		
0/4	0	48	36		F			cl	0 - 2'	Reddish brown clay with sand (CL) 60% fines, 40% fine sands, trace gravels.
							1			
					F		2	sp	2 - 4	Light brown to tan poorly graded sands (sp) loose wet.
							3			
4/8	9	48	36		F		4	sp	4 - 6.5	Same as 2-4' interval black liquid observed in this interval.
	7						5			
	0				F		6	cl	6.5-8'	Reddish brown clay (CL) 90% fines, 10% f. sands.
							7			
8/12	6	48	36		F		8	cl	8-10'	Same as 6.5-8' interval
	6						9			
	2				N		10	OH	10 - 11'	Black high plasticity clay (OH) 95% fines, 75% fine sands, soft, H_2S odor.
	0						11			
					N				11 - 12	Meadowmat, abundant organics (i.e roots)
							12			

Site Id: RW-11	
Consulting Firm: Harding ESE	Location: NORTH FIELD
Logged By: PDP	Permit No.: 26-60754
Contractor: JCA	Date(s): 04/03/01 - 04/03/01
Drilling Method: Hollow Stem Auger	Borehole Dia.: 14.00in
Screens: size: 0.125in fm: 1.00' type: Slotted dia: 4.00in to: 11.00'	Total Depth: 12.00'
	Static Water Level: 3.00'
Annular Fill: type: Bentonite fm: 0.00' to: 0.50' type: 3/8 Pea Gravel fm: 0.50' to: 11.00' type: fm: to:	Datum: Ground Surface
	Remarks:

Depth (ft)	Recovery	Water Level	OVM	Well Construction MP. EL. 9.76	USCS Code	Graphic Log	Material Description (USCS)
			0 ppm		FI/CL		0'-2' [FILL] CLAY WITH SANDS (CL) Reddish Brown, 60% fines, 40% fine sands, trace gravels
					FI/SP		2'-4' [FILL] POORLY GRADED SANDS (SP) Light Brown to Tan, loose, wet
			9 ppm				4'-6.5' [FILL] Same as above 2'-4' interval, black liquid observed in this interval
			7 ppm				6.5'-8' [FILL] CLAY (CL) Reddish Brown, 90% fines, 10% fine sands
			0 ppm		FI/CL		8'-10' [FILL] Same as above 6.5'-8' interval
			6 ppm				
			6 ppm				
10			2 ppm		OH		10'-11' [NATIVE] CLAY (OH) Black, 95% high plasticity clay, 5% fine s fine sands, high plasticity clay, hydrogen sulfide odor, soft
			0 ppm				11'-12' [NATIVE] MEADOWMAT (PT) abundant organics