2015 ANNUAL GROUNDWATER REPORT

STATE GAS COM N#1
NMOCD Case#: 3RP-239-0
Meter Code: 71669
T31N, R12W, Sec16, Unit H

SITE DETAILS

Site Location: Latitude: 36.901094 N, Longitude: -108.096457 W.
Land Type: State
Operator: XTO Energy

SITE BACKGROUND

- **Site Assessment:** 3/94
- **Excavation:** 5/94 (80 cy)

Environmental Remediation activities at the State Gas Com N#1 (Site) are being managed pursuant to the procedures set forth in the document entitled, "Remediation Plan for Groundwater Encountered during Pit Closure Activities" (Remediation Plan, El Paso Natural Gas Company / El Paso Field Services Company, 1995). This Remediation Plan was conditionally approved by the New Mexico Oil Conservation Division (OCD) in correspondence dated November 30, 1995; and the OCD approval conditions were adopted into El Paso CGP Company, LLC's (EPCGP's) program methods. Currently, the Site is operated by XTO Energy and is active. Additionally, pipelines owned by Enterprise Products, Inc. are located near the Site, and an aboveground condensate tank owned by Enterprise Products, Inc. is located approximately 70 or 80 feet southwest of well MW-1.

The Site is located on State/Fee land. Various site investigations have occurred from 1994 through 2014. Monitoring wells were installed in 1995 (MW-1 through MW-4), 2000 (MW-5), 2006 (MW-7 though MW-9), and 2014 (SB-1 and MW-10 through MW-19). Free product recovery has been periodically conducted at the Site since 1997. Currently, groundwater sampling is conducted on a semi-annual basis and free product was observed in MW-5, MW-10, and MW-11 in 2015.

SUMMARY OF 2015 ACTIVITIES

On May 27 and November 22, 2015, water levels were gauged at MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, and MW-19; and groundwater samples were collected from each well that did not contain free product using HydraSleeve™ (HydraSleeve) no-purge passive groundwater sampling devices. The HydraSleeves were set during the previous sampling event or after well installation to approximately 0.5 foot above termination depth of the monitoring wells. HydraSleeves were suspended in the well using a suspension tether and stainless steel weights to collect a sample from the screened interval. Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to TestAmerica Laboratories, Inc. in Pensacola, Florida where they were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX).

Additional field parameters are collected from the excess sample water recovered by the HydraSleeve. Excess sample water is poured into a YSI multi-parameter instrument

sample cup and analyzed. Field parameters include dissolved oxygen, temperature, conductivity, pH, and oxidation-reduction potential. Field parameters are not collected if free product is present. The unused sample water is combined in a waste container and taken to Basin Disposal, Inc. for disposal.

SUMMARY TABLES

Historic groundwater analytical results and well gauging data are summarized in Tables 1 and 2, respectively. When free product was present, static water level elevations were corrected for measurable thicknesses of free product (specific gravity of 0.75).

SITE MAPS

Groundwater analytical maps and groundwater elevation contour maps from each sampling event are included as Figures 1 through 4.

ANALYTICAL LAB REPORTS

The groundwater analytical lab reports are included as Appendix A.

GROUND WATER RESULTS

- The groundwater flow direction is generally to the south-southeast at the Site (see Figures 2 and 4).

- Free product was observed in MW-5, MW-10, and MW-11 in 2015. No samples were collected.

- Groundwater samples collected in 2015 from MW-1, MW-2, MW-3, MW-4, MW-6, MW-12, MW-13, MW-16, MW-17, MW-18, and MW-19 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for benzene in groundwater. Benzene was not detected in groundwater samples collected from monitoring wells MW-9, MW-14, and MW-15.

- Groundwater samples collected in 2015 from MW-1, MW-2, MW-4, and MW-6, exceeded the NMWQCC standard (750 µg/L) for toluene in groundwater. Toluene was either not detected or below the NMWQCC standard in groundwater samples collected from monitoring wells MW-3, MW-9, MW-12, MW-13, MW-14, MW-16, MW-17, MW-18, and MW-19.

- Groundwater samples collected in 2015 from MW-1, MW-3, and MW-6, exceeded the NMWQCC standard (750 µg/L) for ethylbenzene in groundwater. Ethylbenzene was either not detected or below the NMWQCC standard in groundwater samples collected from monitoring wells MW-2, MW-4, MW-9, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, and MW-19.

- Groundwater samples collected in 2015 from MW-1, MW-2, MW-3, MW-4, and MW-6, exceeded the NMWQCC standard (620 µg/L) for total xylenes in groundwater. Total xylenes were either not detected or below the NMWQCC standard in groundwater samples collected from monitoring wells MW-9, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18 and MW-19.

PLANNED FUTURE ACTIVITIES

Groundwater monitoring events will be conducted on a semi-annual basis utilizing a selection of site monitoring wells, which provides an adequate representation of site conditions. The 2016 Annual Report will be submitted in early 2017.

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TABLES

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	10/17/95	14200	15600	1090	11000
MW-1	12/03/96	17200	15200	673	6670
MW-1	03/07/97	16900	16600	904	8420
MW-1	01/16/01	NS	NS	NS	NS
MW-1	01/24/01	NS	NS	NS	NS
MW-1	01/31/01	NS	NS	NS	NS
MW-1	02/19/01	NS	NS	NS	NS
MW-1	03/05/01	NS	NS	NS	NS
MW-1	06/05/01	NS	NS	NS	NS
MW-1	06/15/01	NS	NS	NS	NS
MW-1	07/13/01	NS	NS	NS	NS
MW-1	07/20/01	NS	NS	NS	NS
MW-1	08/01/01	NS	NS	NS	NS
MW-1	08/08/01	NS	NS	NS	NS
MW-1	08/16/01	NS	NS	NS	NS
MW-1	08/20/01	NS	NS	NS	NS
MW-1	09/05/01	NS	NS	NS	NS
MW-1	09/19/01	NS	NS	NS	NS
MW-1	09/26/01	NS	NS	NS	NS
MW-1	10/03/01	NS	NS	NS	NS
MW-1	10/11/01	NS	NS	NS	NS
MW-1	01/23/02	NS	NS	NS	NS
MW-1	05/17/02	NS	NS	NS	NS
MW-1	06/07/02	NS	NS	NS	NS
MW-1	09/04/02	NS	NS	NS	NS
MW-1	12/17/02	NS	NS	NS	NS
MW-1	06/26/03	NS	NS	NS	NS
MW-1	09/14/03	NS	NS	NS	NS
MW-1	12/09/03	NS	NS	NS	NS
MW-1	03/15/04	NS	NS	NS	NS
MW-1	06/17/04	NS	NS	NS	NS
MW-1	09/16/04	NS	NS	NS	NS
MW-1	12/20/04	NS	NS	NS	NS
MW-1	03/17/05	NS	NS	NS	NS
MW-1	06/17/05	NS	NS	NS	NS

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	09/15/05	17300	10700	1560	19600
MW-1	12/22/05	NS	NS	NS	NS
MW-1	03/27/06	NS	NS	NS	NS
MW-1	06/19/06	NS	NS	NS	NS
MW-1	09/27/06	15100	9990	1150	10700
MW-1	12/20/06	NS	NS	NS	NS
MW-1	03/28/07	NS	NS	NS	NS
MW-1	06/14/07	NS	NS	NS	NS
MW-1	09/18/07	13800	10100	2260	21200
MW-1	12/17/07	NS	NS	NS	NS
MW-1	03/05/08	NS	NS	NS	NS
MW-1	06/12/08	NS	NS	NS	NS
MW-1	09/08/08	11700	7560	815	7740
MW-1	12/03/08	NS	NS	NS	NS
MW-1	03/10/09	NS	NS	NS	NS
MW-1	06/03/09	NS	NS	NS	NS
MW-1	08/26/09	12600	8470	973	8670
MW-1	11/05/09	NS	NS	NS	NS
MW-1	02/11/10	NS	NS	NS	NS
MW-1	05/21/10	NS	NS	NS	NS
MW-1	09/29/10	10300	9470	1320	12500
MW-1	11/02/10	NS	NS	NS	NS
MW-1	02/02/11	NS	NS	NS	NS
MW-1	05/04/11	NS	NS	NS	NS
MW-1	09/29/11	12300	7800	907	7750
MW-1	11/11/11	NS	NS	NS	NS
MW-1	02/16/12	NS	NS	NS	NS
MW-1	05/08/12	NS	NS	NS	NS
MW-1	06/07/13	13000	7200	580	6700
MW-1	09/12/13	13000	5300	460	6600
MW-1	12/13/13	10000	6900	610	6400
MW-1	04/05/14	10000	5300	360	2000
MW-1	10/21/14	14000	4900	520	6400
MW-1	05/27/15	12000	9400	890	7400
MW-1	11/22/15	13000	6800	700	6500

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State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	12/07/95	8540	18900	6230	9240
MW-2	12/03/96	21700	5000	967	8310
MW-2	03/07/97	22100	5680	992	8360
MW-2	01/16/01	NS	NS	NS	NS
MW-2	01/24/01	NS	NS	NS	NS
MW-2	01/30/01	NS	NS	NS	NS
MW-2	04/02/01	NS	NS	NS	NS
MW-2	06/05/01	NS	NS	NS	NS
MW-2	06/15/01	NS	NS	NS	NS
MW-2	07/13/01	NS	NS	NS	NS
MW-2	07/20/01	NS	NS	NS	NS
MW-2	08/01/01	NS	NS	NS	NS
MW-2	08/08/01	NS	NS	NS	NS
MW-2	08/16/01	NS	NS	NS	NS
MW-2	08/20/01	NS	NS	NS	NS
MW-2	09/05/01	NS	NS	NS	NS
MW-2	09/19/01	NS	NS	NS	NS
MW-2	09/26/01	NS	NS	NS	NS
MW-2	10/03/01	NS	NS	NS	NS
MW-2	10/11/01	NS	NS	NS	NS
MW-2	01/23/02	NS	NS	NS	NS
MW-2	05/17/02	NS	NS	NS	NS
MW-2	06/07/02	NS	NS	NS	NS
MW-2	09/04/02	NS	NS	NS	NS
MW-2	12/17/02	NS	NS	NS	NS
MW-2	03/20/03	NS	NS	NS	NS
MW-2	06/26/03	NS	NS	NS	NS
MW-2	09/14/03	NS	NS	NS	NS
MW-2	12/09/03	NS	NS	NS	NS
MW-2	03/15/04	NS	NS	NS	NS
MW-2	06/17/04	NS	NS	NS	NS
MW-2	09/16/04	NS	NS	NS	NS
MW-2	12/20/04	NS	NS	NS	NS
MW-2	03/17/05	NS	NS	NS	NS
MW-2	06/17/05	NS	NS	NS	NS

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	09/15/05	13700	2770	762	8610
MW-2	12/22/05	NS	NS	NS	NS
MW-2	03/27/06	NS	NS	NS	NS
MW-2	06/19/06	NS	NS	NS	NS
MW-2	09/27/06	13800	2150	880	8130
MW-2	12/20/06	NS	NS	NS	NS
MW-2	03/28/07	NS	NS	NS	NS
MW-2	06/14/07	NS	NS	NS	NS
MW-2	09/18/07	10100	1730	1200	12700
MW-2	12/17/07	NS	NS	NS	NS
MW-2	03/05/08	NS	NS	NS	NS
MW-2	06/12/08	NS	NS	NS	NS
MW-2	09/08/08	9120	1610	552	6380
MW-2	12/03/08	NS	NS	NS	NS
MW-2	03/10/09	NS	NS	NS	NS
MW-2	06/03/09	NS	NS	NS	NS
MW-2	08/26/09	NS	NS	NS	NS
MW-2	11/05/09	NS	NS	NS	NS
MW-2	02/11/10	NS	NS	NS	NS
MW-2	05/21/10	NS	NS	NS	NS
MW-2	09/29/10	15600	1570	779	7730
MW-2	11/02/10	NS	NS	NS	NS
MW-2	02/02/11	NS	NS	NS	NS
MW-2	05/04/11	NS	NS	NS	NS
MW-2	09/29/11	12900	1270	838	6940
MW-2	11/11/11	NS	NS	NS	NS
MW-2	02/16/12	NS	NS	NS	NS
MW-2	05/08/12	NS	NS	NS	NS
MW-2	06/07/13	15000	1600	630	7000
MW-2	09/12/13	14000	1500	550	6300
MW-2	12/13/13	11000	7200	620	6500
MW-2	04/05/14	680	440	37 J	400
MW-2	10/21/14	15000	1500	620	6700
MW-2	05/27/15	14000	1700	650	7200
MW-2	11/22/15	17000	1900	680	7200

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	12/07/95	18000	3760	1050	7070
MW-3	12/03/96	17700	7310	983	7200
MW-3	03/07/97	17700	7780	1020	7550
MW-3	10/03/00	NS	NS	NS	NS
MW-3	12/20/00	NS	NS	NS	NS
MW-3	01/10/01	NS	NS	NS	NS
MW-3	02/19/01	NS	NS	NS	NS
MW-3	03/05/01	NS	NS	NS	NS
MW-3	04/02/01	NS	NS	NS	NS
MW-3	06/05/01	NS	NS	NS	NS
MW-3	06/15/01	NS	NS	NS	NS
MW-3	07/13/01	NS	NS	NS	NS
MW-3	07/20/01	NS	NS	NS	NS
MW-3	08/01/01	NS	NS	NS	NS
MW-3	08/08/01	NS	NS	NS	NS
MW-3	08/16/01	NS	NS	NS	NS
MW-3	08/20/01	NS	NS	NS	NS
MW-3	09/05/01	NS	NS	NS	NS
MW-3	09/19/01	NS	NS	NS	NS
MW-3	09/26/01	NS	NS	NS	NS
MW-3	10/03/01	NS	NS	NS	NS
MW-3	10/11/01	NS	NS	NS	NS
MW-3	11/21/01	NS	NS	NS	NS
MW-3	12/13/01	NS	NS	NS	NS
MW-3	12/21/01	NS	NS	NS	NS
MW-3	12/28/01	NS	NS	NS	NS
MW-3	01/04/02	NS	NS	NS	NS
MW-3	01/07/02	NS	NS	NS	NS
MW-3	01/23/02	NS	NS	NS	NS
MW-3	01/31/02	NS	NS	NS	NS
MW-3	02/07/02	NS	NS	NS	NS
MW-3	02/14/02	NS	NS	NS	NS
MW-3	02/20/02	NS	NS	NS	NS
MW-3	03/06/02	NS	NS	NS	NS
MW-3	03/11/02	NS	NS	NS	NS
MW-3	03/21/02	NS	NS	NS	NS
MW-3	03/28/02	NS	NS	NS	NS
MW-3	04/03/02	NS	NS	NS	NS
MW-3	04/12/02	NS	NS	NS	NS
MW-3	04/19/02	NS	NS	NS	NS
MW-3	04/25/02	NS	NS	NS	NS
MW-3	05/03/02	NS	NS	NS	NS
MW-3	05/10/02	NS	NS	NS	NS
MW-3	05/17/02	NS	NS	NS	NS
MW-3	06/07/02	NS	NS	NS	NS
MW-3	09/04/02	NS	NS	NS	NS

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	12/17/02	NS	NS	NS	NS
MW-3	03/20/03	NS	NS	NS	NS
MW-3	06/26/03	NS	NS	NS	NS
MW-3	09/14/03	NS	NS	NS	NS
MW-3	12/09/03	NS	NS	NS	NS
MW-3	03/15/04	NS	NS	NS	NS
MW-3	06/17/04	NS	NS	NS	NS
MW-3	09/16/04	NS	NS	NS	NS
MW-3	12/20/04	NS	NS	NS	NS
MW-3	03/17/05	NS	NS	NS	NS
MW-3	06/17/05	NS	NS	NS	NS
MW-3	09/15/05	NS	NS	NS	NS
MW-3	12/22/05	NS	NS	NS	NS
MW-3	03/27/06	NS	NS	NS	NS
MW-3	06/19/06	NS	NS	NS	NS
MW-3	09/27/06	NS	NS	NS	NS
MW-3	12/20/06	NS	NS	NS	NS
MW-3	03/28/07	NS	NS	NS	NS
MW-3	06/14/07	NS	NS	NS	NS
MW-3	09/18/07	NS	NS	NS	NS
MW-3	12/17/07	NS	NS	NS	NS
MW-3	03/05/08	NS	NS	NS	NS
MW-3	06/12/08	NS	NS	NS	NS
MW-3	09/08/08	70.3	1.5	3.3	19.1
MW-3	12/03/08	NS	NS	NS	NS
MW-3	03/10/09	NS	NS	NS	NS
MW-3	06/03/09	NS	NS	NS	NS
MW-3	08/26/09	20100	434	936	4690
MW-3	11/05/09	NS	NS	NS	NS
MW-3	02/11/10	NS	NS	NS	NS
MW-3	05/21/10	NS	NS	NS	NS
MW-3	09/29/10	23600	219 J	771	3480
MW-3	11/02/10	NS	NS	NS	NS
MW-3	02/02/11	NS	NS	NS	NS
MW-3	05/04/11	NS	NS	NS	NS
MW-3	09/29/11	18500	163	906	4520
MW-3	11/11/11	NS	NS	NS	NS
MW-3	02/16/12	NS	NS	NS	NS
MW-3	05/08/12	NS	NS	NS	NS
MW-3	06/07/13	24000	J100	540	2700
MW-3	09/12/13	22000	97 J	590	2700
MW-3	12/13/13	19000	85 J	620	2900
MW-3	04/05/14	24000	<380	570 J	2400
MW-3	10/21/14	27000	98 J	770	2900
MW-3	05/27/15	25000	230 J	950	5900
MW-3	11/22/15	54000	<5000	17000	66000

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	12/07/95	20300	19600	1040	8880
MW-4	12/03/96	23600	19600	1000	8600
MW-4	03/07/97	24800	20100	1040	9080
MW-4	06/05/01	NS	NS	NS	NS
MW-4	07/13/01	NS	NS	NS	NS
MW-4	08/16/01	NS	NS	NS	NS
MW-4	09/10/01	17000	14000	610	6700
MW-4	12/04/01	NS	NS	NS	NS
MW-4	01/07/02	NS	NS	NS	NS
MW-4	01/23/02	NS	NS	NS	NS
MW-4	01/31/02	NS	NS	NS	NS
MW-4	02/07/02	NS	NS	NS	NS
MW-4	02/14/02	NS	NS	NS	NS
MW-4	02/20/02	NS	NS	NS	NS
MW-4	05/17/02	NS	NS	NS	NS
MW-4	09/04/02	17800	13900	750	10870
MW-4	12/17/02	NS	NS	NS	NS
MW-4	06/26/03	NS	NS	NS	NS
MW-4	09/14/03	24000	30800	4670	73200
MW-4	12/09/03	NS	NS	NS	NS
MW-4	03/15/04	NS	NS	NS	NS
MW-4	06/17/04	NS	NS	NS	NS
MW-4	09/16/04	26300	18500	1870	15200
MW-4	12/20/04	NS	NS	NS	NS
MW-4	03/17/05	NS	NS	NS	NS
MW-4	06/17/05	NS	NS	NS	NS
MW-4	09/15/05	18600	16900	1120	12800
MW-4	12/22/05	NS	NS	NS	NS
MW-4	03/27/06	NS	NS	NS	NS
MW-4	06/19/06	NS	NS	NS	NS
MW-4	09/27/06	19800	14200	978	12500

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State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	12/20/06	NS	NS	NS	NS
MW-4	03/28/07	NS	NS	NS	NS
MW-4	06/14/07	NS	NS	NS	NS
MW-4	09/18/07	21100	15400	1560	17000
MW-4	12/17/07	NS	NS	NS	NS
MW-4	03/05/08	NS	NS	NS	NS
MW-4	06/12/08	NS	NS	NS	NS
MW-4	09/08/08	17000	12700	598	11700
MW-4	12/03/08	NS	NS	NS	NS
MW-4	03/10/09	NS	NS	NS	NS
MW-4	06/03/09	NS	NS	NS	NS
MW-4	08/26/09	17000	14400	934	11000
MW-4	11/05/09	NS	NS	NS	NS
MW-4	02/11/10	NS	NS	NS	NS
MW-4	05/21/10	NS	NS	NS	NS
MW-4	09/29/10	19400	13100	789	9500
MW-4	11/02/10	NS	NS	NS	NS
MW-4	02/02/11	NS	NS	NS	NS
MW-4	05/04/11	NS	NS	NS	NS
MW-4	09/29/11	18700	12500	1020	11400
MW-4	11/11/11	NS	NS	NS	NS
MW-4	02/16/12	NS	NS	NS	NS
MW-4	05/08/12	NS	NS	NS	NS
MW-4	06/07/13	21000	13000	290	8400
MW-4	09/12/13	18000	11000	450	7300
MW-4	12/13/13	17000	11000	620	8100
MW-4	04/05/14	12000	57 J	350	1600
MW-4	10/21/14	21000	13000	520	8400
MW-4	05/27/15	21000	13000	700	9200
MW-4	11/22/15	21000	13000	670	8800

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State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-5	08/30/00	27000	570	930	8600
MW-5	06/05/01	NS	NS	NS	NS
MW-5	07/13/01	NS	NS	NS	NS
MW-5	08/16/01	NS	NS	NS	NS
MW-5	09/10/01	16000	100	720	4600
MW-5	05/17/02	NS	NS	NS	NS
MW-5	09/04/02	21100	190	1310	5560
MW-5	12/17/02	NS	NS	NS	NS
MW-5	06/26/03	NS	NS	NS	NS
MW-5	09/14/03	23100	157	2480	11300
MW-5	12/09/03	NS	NS	NS	NS
MW-5	03/15/04	NS	NS	NS	NS
MW-5	06/17/04	NS	NS	NS	NS
MW-5	09/16/04	29400	<25	1320	1690
MW-5	12/20/04	NS	NS	NS	NS
MW-5	03/17/05	NS	NS	NS	NS
MW-5	06/17/05	NS	NS	NS	NS
MW-5	09/15/05	22800	14	1160	1620
MW-5	12/22/05	NS	NS	NS	NS
MW-5	03/27/06	NS	NS	NS	NS
MW-5	06/19/06	NS	NS	NS	NS
MW-5	09/27/06	26000	<100	1440	1800
MW-5	12/20/06	NS	NS	NS	NS
MW-5	03/28/07	NS	NS	NS	NS
MW-5	06/14/07	NS	NS	NS	NS
MW-5	09/18/07	26300	<100	914	1590

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-5	12/17/07	NS	NS	NS	NS
MW-5	03/05/08	NS	NS	NS	NS
MW-5	06/12/08	NS	NS	NS	NS
MW-5	09/08/08	21600	<100	522	1580
MW-5	12/03/08	NS	NS	NS	NS
MW-5	03/10/09	NS	NS	NS	NS
MW-5	06/03/09	NS	NS	NS	NS
MW-5	08/26/09	19800	63.2 J	1280	2470
MW-5	11/05/09	NS	NS	NS	NS
MW-5	02/11/10	NS	NS	NS	NS
MW-5	05/21/10	NS	NS	NS	NS
MW-5	09/29/10	24600	<200	1330	4390
MW-5	11/02/10	NS	NS	NS	NS
MW-5	02/02/11	NS	NS	NS	NS
MW-5	05/04/11	NS	NS	NS	NS
MW-5	09/29/11	20600	8.9 J	1000	3370
MW-5	11/11/11	NS	NS	NS	NS
MW-5	02/16/12	NS	NS	NS	NS
MW-5	05/08/12	NS	NS	NS	NS
MW-5	06/07/13	16000	<60	1000	5400
MW-5	09/12/13	NS	NS	NS	NS
MW-5	12/13/13	NS	NS	NS	NS
MW-5	04/05/14	NS	NS	NS	NS
MW-5	10/21/14	NS	NS	NS	NS
MW-5	05/27/15	NS	NS	NS	NS
MW-5	11/22/15	NS	NS	NS	NS

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-6	12/20/01	5000	11000	420	4600
MW-6	12/28/01	NS	NS	NS	NS
MW-6	03/06/02	NS	NS	NS	NS
MW-6	03/11/02	NS	NS	NS	NS
MW-6	03/21/02	NS	NS	NS	NS
MW-6	04/03/02	NS	NS	NS	NS
MW-6	05/17/02	NS	NS	NS	NS
MW-6	09/04/02	NS	NS	NS	NS
MW-6	12/17/02	NS	NS	NS	NS
MW-6	03/20/03	NS	NS	NS	NS
MW-6	06/26/03	NS	NS	NS	NS
MW-6	09/14/03	NS	NS	NS	NS
MW-6	12/09/03	NS	NS	NS	NS
MW-6	03/15/04	NS	NS	NS	NS
MW-6	06/17/04	NS	NS	NS	NS
MW-6	09/16/04	NS	NS	NS	NS
MW-6	12/20/04	NS	NS	NS	NS
MW-6	03/17/05	NS	NS	NS	NS
MW-6	06/17/05	NS	NS	NS	NS
MW-6	09/15/05	NS	NS	NS	NS
MW-6	12/22/05	NS	NS	NS	NS
MW-6	03/27/06	NS	NS	NS	NS
MW-6	06/19/06	NS	NS	NS	NS
MW-6	07/21/06	NS	NS	NS	NS
MW-6	08/24/06	NS	NS	NS	NS
MW-6	09/27/06	NS	NS	NS	NS
MW-6	10/22/06	NS	NS	NS	NS
MW-6	11/07/06	NS	NS	NS	NS
MW-6	12/20/06	NS	NS	NS	NS
MW-6	01/16/07	NS	NS	NS	NS
MW-6	02/26/07	NS	NS	NS	NS
MW-6	03/26/07	NS	NS	NS	NS
MW-6	03/28/07	NS	NS	NS	NS
MW-6	04/30/07	NS	NS	NS	NS
MW-6	05/24/07	NS	NS	NS	NS
MW-6	06/14/07	NS	NS	NS	NS
MW-6	07/31/07	NS	NS	NS	NS
MW-6	08/29/07	NS	NS	NS	NS
MW-6	09/18/07	NS	NS	NS	NS

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-6	10/31/07	NS	NS	NS	NS
MW-6	11/30/07	NS	NS	NS	NS
MW-6	12/17/07	NS	NS	NS	NS
MW-6	01/23/08	NS	NS	NS	NS
MW-6	03/05/08	NS	NS	NS	NS
MW-6	04/15/08	NS	NS	NS	NS
MW-6	05/08/08	NS	NS	NS	NS
MW-6	06/12/08	NS	NS	NS	NS
MW-6	07/17/08	NS	NS	NS	NS
MW-6	08/12/08	NS	NS	NS	NS
MW-6	09/08/08	NS	NS	NS	NS
MW-6	10/09/08	NS	NS	NS	NS
MW-6	11/07/08	NS	NS	NS	NS
MW-6	12/03/08	NS	NS	NS	NS
MW-6	01/16/09	NS	NS	NS	NS
MW-6	02/06/09	NS	NS	NS	NS
MW-6	03/10/09	NS	NS	NS	NS
MW-6	04/01/09	NS	NS	NS	NS
MW-6	05/01/09	NS	NS	NS	NS
MW-6	06/03/09	NS	NS	NS	NS
MW-6	08/26/09	NS	NS	NS	NS
MW-6	11/05/09	NS	NS	NS	NS
MW-6	02/11/10	NS	NS	NS	NS
MW-6	05/21/10	NS	NS	NS	NS
MW-6	09/29/10	6950	14700	978	8990
MW-6	11/02/10	NS	NS	NS	NS
MW-6	02/02/11	NS	NS	NS	NS
MW-6	05/04/11	NS	NS	NS	NS
MW-6	09/29/11	5590	10200	991	8670
MW-6	11/11/11	NS	NS	NS	NS
MW-6	02/16/12	NS	NS	NS	NS
MW-6	05/08/12	NS	NS	NS	NS
MW-6	06/07/13	3400	4700	370	4900
MW-6	09/12/13	4500	7700	640	6300
MW-6	12/13/13	3600	5600	610	6000
MW-6	04/05/14	19000	13000	720	9100
MW-6	10/21/14	2900	3300	380	5400
MW-6	05/27/15	4000	7000	630	6200
MW-6	11/22/15	6100	11000	950	8200

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-7	12/20/06	NS	NS	NS	NS
MW-7	03/28/07	NS	NS	NS	NS
MW-7	06/14/07	NS	NS	NS	NS
MW-7	09/18/07	NS	NS	NS	NS
MW-7	12/17/07	NS	NS	NS	NS
MW-7	03/05/08	NS	NS	NS	NS
MW-7	04/15/08	<2	<2	<2	<6
MW-7	06/12/08	NS	NS	NS	NS
MW-7	09/08/08	NS	NS	NS	NS
MW-7	12/03/08	NS	NS	NS	NS
MW-7	03/10/09	NS	NS	NS	NS
MW-7	06/03/09	NS	NS	NS	NS
MW-7	08/25/09	NS	NS	NS	NS
MW-7	08/26/09	11200	4930	916	5760
MW-7	11/05/09	NS	NS	NS	NS
MW-7	02/11/10	NS	NS	NS	NS
MW-7	05/21/10	NS	NS	NS	NS
MW-7	09/29/10	13900	8690	982	7130
MW-7	11/02/10	NS	NS	NS	NS
MW-7	02/02/11	NS	NS	NS	NS
MW-7	05/04/11	NS	NS	NS	NS
MW-7	09/29/11	9280	3550	725	4270
MW-7	11/11/11	NS	NS	NS	NS
MW-7	02/16/12	NS	NS	NS	NS
MW-7	05/08/12	NS	NS	NS	NS
MW-7	06/07/13	Well Destroyed			

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-9	12/20/06	NS	NS	NS	NS
MW-9	03/28/07	NS	NS	NS	NS
MW-9	06/14/07	NS	NS	NS	NS
MW-9	09/18/07	NS	NS	NS	NS
MW-9	12/17/07	NS	NS	NS	NS
MW-9	03/05/08	NS	NS	NS	NS
MW-9	04/15/08	<2	<2	<2	<6
MW-9	06/12/08	NS	NS	NS	NS
MW-9	09/08/08	0.95 J	<1	<1	1.3 J
MW-9	12/03/08	NS	NS	NS	NS
MW-9	03/10/09	NS	NS	NS	NS
MW-9	06/03/09	NS	NS	NS	NS
MW-9	08/26/09	1.2	0.69 J	0.35J	2.7
MW-9	11/05/09	NS	NS	NS	NS
MW-9	02/11/10	NS	NS	NS	NS
MW-9	05/21/10	NS	NS	NS	NS
MW-9	09/29/10	0.79 J	17 J	<2	2.9 J
MW-9	11/02/10	NS	NS	NS	NS
MW-9	02/02/11	NS	NS	NS	NS
MW-9	05/04/11	NS	NS	NS	NS
MW-9	09/29/11	0.89 J	0.87 J	<1	<2
MW-9	11/11/11	NS	NS	NS	NS
MW-9	02/16/12	NS	NS	NS	NS
MW-9	05/08/12	NS	NS	NS	NS
MW-9	06/07/13	<0.14	<0.30	<0.20	<0.23
MW-9	09/12/13	<0.14	<0.30	<0.20	<0.23
MW-9	12/13/13	<0.20	<0.38	<0.20	<0.65
MW-9	04/05/14	51	89	8	67
MW-9	10/21/14	<0.38	<0.70	<0.50	<1.6
MW-9	05/27/15	<1.0	<5.0	<1.0	<5.0
MW-9	11/22/15	<1.0	<5.0	<1.0	<5.0

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	**Date**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethylbenzene (µg/L)**	**Total Xylenes (µg/L)**
NMWQCC Standards:		10	750	750	620
MW-10	05/27/15	NS	NS	NS	NS
MW-10	11/22/15	NS	NS	NS	NS
MW-11	05/27/15	NS	NS	NS	NS
MW-11	11/22/15	NS	NS	NS	NS
MW-12	05/27/15	0.86 J	<5.0	<1.0	<5.0
MW-12	11/22/15	42	<5.0	11	9.5
MW-13	05/27/15	190	17	35	100
MW-13	11/22/15	260	9.6	33	38
MW-14	05/27/15	<1.0	<5.0	<1.0	<5.0
MW-14	11/22/15	<1.0	<5.0	<1.0	<5.0
MW-15	05/27/15	<1.0	<5.0	<1.0	<5.0
MW-15	11/22/15	<1.0	<5.0	<1.0	<5.0
MW-16	05/27/15	1.9	<5.0	<1.0	17
MW-16	11/22/15	190	9.9	4.1	96
MW-17	05/27/15	88	<5.0	6.8	15
MW-17	11/22/15	9.9	<5.0	15	<5.0
MW-18	05/27/15	120	12	30	27
MW-18	11/22/15	470	<10	100	11
MW-19	05/27/15	12000	<100	410	200
MW-19	11/22/15	12000	<250	470	<250

Notes: "µg/L" = micrograms per liter

Results highlighted yellow exceed their respective New Mexico Water Quality Control Commission (NMWQCC) standards.

"J" = Result is less than the reporting limit but greater than or equal to the method detection limit and the result in an approximate value.

"<" = analyte was not detected at the indicated reporting limit (some historic data were reported at the detection limit).

"NS" = Monitoring well not sampled

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	10/17/95	6122.33	76.08	NR		6046.25
MW-1	12/03/96	6122.33	77.02	76.09	0.93	6046.00
MW-1	03/07/97	6122.33	77.20	76.12	1.08	6045.94
MW-1	01/16/01	6122.33	77.96	77.95	0.01	6044.37
MW-1	01/24/01	6122.33	78.28	78.27	0.01	6044.05
MW-1	01/31/01	6122.33	78.16	78.15	0.01	6044.17
MW-1	02/19/01	6122.33	78.19	78.18	0.01	6044.14
MW-1	03/05/01	6122.33	78.34	NR		6043.99
MW-1	06/05/01	6122.33	77.71	NR		6044.62
MW-1	06/15/01	6122.33	77.83	NR		6044.50
MW-1	07/13/01	6122.33	76.52	76.51	0.01	6045.81
MW-1	07/20/01	6122.33	76.47	76.46	0.01	6045.86
MW-1	08/01/01	6122.33	77.22	NR		6045.11
MW-1	08/08/01	6122.33	76.37	NR		6045.96
MW-1	08/16/01	6122.33	76.35	NR		6045.98
MW-1	08/20/01	6122.33	76.28	NR		6046.05
MW-1	09/05/01	6122.33	76.20	NR		6046.13
MW-1	09/19/01	6122.33	76.14	NR		6046.19
MW-1	09/26/01	6122.33	76.09	NR		6046.24
MW-1	10/03/01	6122.33	76.06	NR		6046.27
MW-1	10/11/01	6122.33	76.04	NR		6046.29
MW-1	01/23/02	6122.33	76.08	76.07	0.01	6046.25
MW-1	05/17/02	6122.33	76.17	NR		6046.16
MW-1	06/07/02	6122.33	76.21	NR		6046.12
MW-1	09/04/02	6122.33	76.21	76.20	0.01	6046.12
MW-1	12/17/02	6122.33	76.63	NR		6045.70
MW-1	06/26/03	6122.33	75.76	ND		6046.57
MW-1	09/14/03	6122.33	75.79	75.77	0.02	6046.55
MW-1	12/09/03	6122.33	75.62	ND		6046.71
MW-1	03/15/04	6122.33	75.22	ND		6047.11
MW-1	06/17/04	6122.33	74.84	ND		6047.49
MW-1	09/16/04	6122.33	74.43	ND		6047.90
MW-1	12/20/04	6122.33	74.21	ND		6048.12
MW-1	03/17/05	6122.33	74.23	ND		6048.10
MW-1	06/17/05	6122.33	74.15	ND		6048.18

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	09/15/05	6122.33	74.09	ND		6048.24
MW-1	12/22/05	6122.33	74.02	ND		6048.31
MW-1	03/27/06	6122.33	74.17	ND		6048.16
MW-1	06/19/06	6122.33	74.34	ND		6047.99
MW-1	09/27/06	6122.33	74.65	ND		6047.68
MW-1	12/20/06	6122.33	74.81	ND		6047.52
MW-1	03/28/07	6122.33	75.07	ND		6047.26
MW-1	06/14/07	6122.33	75.09	ND		6047.24
MW-1	09/18/07	6122.33	74.92	ND		6047.41
MW-1	12/17/07	6122.33	74.79	ND		6047.54
MW-1	03/05/08	6122.33	74.63	ND		6047.70
MW-1	06/12/08	6122.33	74.52	ND		6047.81
MW-1	09/08/08	6122.33	74.55	ND		6047.78
MW-1	12/03/08	6122.33	74.62	ND		6047.71
MW-1	03/10/09	6122.33	74.56	ND		6047.77
MW-1	06/03/09	6122.33	74.59	ND		6047.74
MW-1	08/26/09	6122.33	74.76	ND		6047.57
MW-1	11/05/09	6122.33	74.66	ND		6047.67
MW-1	02/11/10	6122.33	74.77	ND		6047.56
MW-1	05/21/10	6122.33	75.10	ND		6047.23
MW-1	09/29/10	6122.33	75.45	75.43	0.02	6046.89
MW-1	11/02/10	6122.33	75.82	ND		6046.51
MW-1	02/02/11	6122.33	75.24	ND		6047.09
MW-1	05/04/11	6122.33	74.55	ND		6047.78
MW-1	09/29/11	6122.33	73.57	ND		6048.76
MW-1	11/11/11	6122.33	73.46	ND		6048.87
MW-1	02/16/12	6122.33	73.38	ND		6048.95
MW-1	05/08/12	6122.33	73.53	ND		6048.80
MW-1	06/07/13	6122.33	74.82	ND		6047.51
MW-1	09/12/13	6122.33	75.00	ND		6047.33
MW-1	12/13/13	6122.33	74.95	ND		6047.38
MW-1	04/05/14	6122.33	74.99	ND		6047.34
MW-1	10/21/14	6122.33	74.77	ND		6047.56
MW-1	05/27/15	6122.33	74.57	ND		6047.76
MW-1	11/22/15	6122.33	77.17	ND		6045.16

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	12/07/95	6120.93	75.50	NR		6045.43
MW-2	12/03/96	6120.93	76.66	75.45	1.21	6045.17
MW-2	03/07/97	6120.93	76.88	75.51	1.37	6045.07
MW-2	01/16/01	6120.93	78.26	77.43	0.83	6043.29
MW-2	01/24/01	6120.93	79.06	78.72	0.34	6042.12
MW-2	01/30/01	6120.93	78.45	78.44	0.01	6042.48
MW-2	04/02/01	6120.93	78.36	NR		6042.57
MW-2	06/05/01	6120.93	76.46	NR		6044.47
MW-2	06/15/01	6120.93	76.54	NR		6044.39
MW-2	07/13/01	6120.93	76.56	NR		6044.37
MW-2	07/20/01	6120.93	76.48	NR		6044.45
MW-2	08/01/01	6120.93	76.51	NR		6044.42
MW-2	08/08/01	6120.93	76.50	NR		6044.43
MW-2	08/16/01	6120.93	76.46	NR		6044.47
MW-2	08/20/01	6120.93	76.43	NR		6044.50
MW-2	09/05/01	6120.93	76.38	NR		6044.55
MW-2	09/19/01	6120.93	76.34	NR		6044.59
MW-2	09/26/01	6120.93	76.35	NR		6044.58
MW-2	10/03/01	6120.93	76.31	NR		6044.62
MW-2	10/11/01	6120.93	76.29	NR		6044.64
MW-2	01/23/02	6120.93	76.08	76.07	0.01	6044.85
MW-2	05/17/02	6120.93	76.17	NR		6044.76
MW-2	06/07/02	6120.93	76.21	NR		6044.72
MW-2	09/04/02	6120.93	76.21	76.20	0.01	6044.72
MW-2	12/17/02	6120.93	76.63	NR		6044.30
MW-2	03/20/03	6120.93	76.32	76.28	0.04	6044.64
MW-2	06/26/03	6120.93	76.22	76.19	0.03	6044.73
MW-2	09/14/03	6120.93	76.35	76.31	0.04	6044.61
MW-2	12/09/03	6120.93	76.22	76.15	0.07	6044.76
MW-2	03/15/04	6120.93	76.14	76.07	0.07	6044.84
MW-2	06/17/04	6120.93	75.98	75.93	0.05	6044.98
MW-2	09/16/04	6120.93	76.66	75.72	0.94	6044.97
MW-2	12/20/04	6120.93	75.50	75.46	0.04	6045.46
MW-2	03/17/05	6120.93	75.37	ND		6045.56
MW-2	06/17/05	6120.93	75.72	ND		6045.21

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	09/15/05	6120.93	75.38	ND		6045.55
MW-2	12/22/05	6120.93	75.41	ND		6045.52
MW-2	03/27/06	6120.93	75.42	ND		6045.51
MW-2	06/19/06	6120.93	75.56	ND		6045.37
MW-2	09/27/06	6120.93	75.85	ND		6045.08
MW-2	12/20/06	6120.93	75.92	ND		6045.01
MW-2	03/28/07	6120.93	76.12	ND		6044.81
MW-2	06/14/07	6120.93	76.29	ND		6044.64
MW-2	09/18/07	6120.93	76.24	ND		6044.69
MW-2	12/17/07	6120.93	76.22	ND		6044.71
MW-2	03/05/08	6120.93	76.13	ND		6044.80
MW-2	06/12/08	6120.93	76.12	ND		6044.81
MW-2	09/08/08	6120.93	76.10	ND		6044.83
MW-2	12/03/08	6120.93	76.15	ND		6044.78
MW-2	03/10/09	6120.93	76.13	ND		6044.80
MW-2	06/03/09	6120.93	76.35	76.24	0.11	6044.66
MW-2	08/26/09	6120.93	76.43	76.36	0.07	6044.55
MW-2	11/05/09	6120.93	76.58	ND		6044.35
MW-2	02/11/10	6120.93	76.52	ND		6044.41
MW-2	05/21/10	6120.93	76.70	ND		6044.23
MW-2	09/29/10	6120.93	76.88	ND		6044.05
MW-2	11/02/10	6120.93	76.98	ND		6043.95
MW-2	02/02/11	6120.93	76.83	ND		6044.10
MW-2	05/04/11	6120.93	76.69	ND		6044.24
MW-2	09/29/11	6120.93	76.18	ND		6044.75
MW-2	11/11/11	6120.93	76.13	ND		6044.80
MW-2	02/16/12	6120.93	75.92	ND		6045.01
MW-2	05/08/12	6120.93	75.98	ND		6044.95
MW-2	06/07/13	6120.93	76.88	ND		6044.05
MW-2	09/12/13	6120.93	77.07	ND		6043.86
MW-2	12/13/13	6120.93	77.08	ND		6043.85
MW-2	04/05/14	6120.93	77.08	ND		6043.85
MW-2	10/21/14	6120.93	77.18	ND		6043.75
MW-2	05/27/15	6120.93	77.05	ND		6043.88
MW-2	11/22/15	6120.93	76.90	ND		6044.03

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	12/07/95	6120.42	75.03	NR		6045.39
MW-3	12/03/96	6120.42	76.10	75.26	0.84	6044.95
MW-3	03/07/97	6120.42	75.42	75.19	0.23	6045.17
MW-3	10/03/00	6120.42	77.12	76.97	0.15	6043.41
MW-3	12/20/00	6120.42	77.00	NR		6043.42
MW-3	01/10/01	6120.42	76.90	NR		6043.52
MW-3	02/19/01	6120.42	77.08	77.06	0.02	6043.35
MW-3	03/05/01	6120.42	77.20	77.17	0.03	6043.24
MW-3	04/02/01	6120.42	77.11	77.09	0.02	6043.32
MW-3	06/05/01	6120.42	77.11	NR		6043.31
MW-3	06/15/01	6120.42	76.50	76.44	0.06	6043.96
MW-3	07/13/01	6120.42	77.17	77.14	0.03	6043.27
MW-3	07/20/01	6120.42	77.14	77.13	0.01	6043.28
MW-3	08/01/01	6120.42	76.47	76.38	0.09	6044.01
MW-3	08/08/01	6120.42	77.15	NR		6043.27
MW-3	08/16/01	6120.42	77.15	NR		6043.27
MW-3	08/20/01	6120.42	77.13	NR		6043.29
MW-3	09/05/01	6120.42	77.08	NR		6043.34
MW-3	09/19/01	6120.42	77.11	NR		6043.31
MW-3	09/26/01	6120.42	77.10	NR		6043.32
MW-3	10/03/01	6120.42	77.08	NR		6043.34
MW-3	10/11/01	6120.42	77.09	NR		6043.33
MW-3	11/21/01	6120.42	77.18	77.15	0.03	6043.26
MW-3	12/13/01	6120.42	77.12	77.10	0.02	6043.31
MW-3	12/21/01	6120.42	76.88	NR		6043.54
MW-3	12/28/01	6120.42	75.99	75.97	0.02	6044.44
MW-3	01/04/02	6120.42	77.03	NR	0.00	6043.39
MW-3	01/07/02	6120.42	77.15	77.14	0.01	6043.27
MW-3	01/23/02	6120.42	76.94	76.93	0.01	6043.48
MW-3	01/31/02	6120.42	77.01	77.00	0.01	6043.41
MW-3	02/07/02	6120.42	77.17	77.16	0.01	6043.25
MW-3	02/14/02	6120.42	77.03	77.02	0.01	6043.39
MW-3	02/20/02	6120.42	77.12	77.11	0.01	6043.30
MW-3	03/06/02	6120.42	76.97	NR		6043.45
MW-3	03/11/02	6120.42	76.94	NR		6043.48
MW-3	03/21/02	6120.42	77.15	NR		6043.27
MW-3	03/28/02	6120.42	77.04	NR		6043.38
MW-3	04/03/02	6120.42	75.99	75.95	0.04	6044.46
MW-3	04/12/02	6120.42	77.15	NR		6043.27
MW-3	04/19/02	6120.42	77.09	NR		6043.33
MW-3	04/25/02	6120.42	77.08	NR		6043.34
MW-3	05/03/02	6120.42	77.18	NR		6043.24
MW-3	05/10/02	6120.42	77.12	NR		6043.30
MW-3	05/17/02	6120.42	77.10	NR		6043.32
MW-3	06/07/02	6120.42	76.07	76.03	0.04	6044.38
MW-3	09/04/02	6120.42	76.33	NR		6044.09

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	12/17/02	6120.42	75.85	75.81	0.04	6044.60
MW-3	03/20/03	6120.42	76.32	76.28	0.04	6044.13
MW-3	06/26/03	6120.42	76.22	76.19	0.03	6044.22
MW-3	09/14/03	6120.42	76.36	76.31	0.05	6044.09
MW-3	12/09/03	6120.42	76.22	76.15	0.07	6044.25
MW-3	03/15/04	6120.42	76.13	76.07	0.06	6044.33
MW-3	06/17/04	6120.42	76.02	75.98	0.04	6044.43
MW-3	09/16/04	6120.42	75.75	75.72	0.03	6044.69
MW-3	12/20/04	6120.42	75.50	75.46	0.04	6044.95
MW-3	03/17/05	6120.42	75.43	75.39	0.04	6045.02
MW-3	06/17/05	6120.42	75.43	ND		6044.99
MW-3	09/15/05	6120.42	75.49	ND		6044.93
MW-3	12/22/05	6120.42	75.51	ND		6044.91
MW-3	03/27/06	6120.42	75.54	ND		6044.88
MW-3	06/19/06	6120.42	75.63	ND		6044.79
MW-3	09/27/06	6120.42	75.88	ND		6044.54
MW-3	12/20/06	6120.42	75.77	ND		6044.65
MW-3	03/28/07	6120.42	75.92	ND		6044.50
MW-3	06/14/07	6120.42	76.29	ND		6044.13
MW-3	09/18/07	6120.42	76.21	ND		6044.21
MW-3	12/17/07	6120.42	75.20	ND		6045.22
MW-3	03/05/08	6120.42	76.10	ND		6044.32
MW-3	06/12/08	6120.42	76.22	ND		6044.20
MW-3	09/08/08	6120.42	76.14	ND		6044.28
MW-3	12/03/08	6120.42	76.23	ND		6044.19
MW-3	03/10/09	6120.42	76.20	ND		6044.22
MW-3	06/03/09	6120.42	76.43	ND		6043.99
MW-3	08/26/09	6120.42	76.38	ND		6044.04
MW-3	11/05/09	6120.42	76.53	ND		6043.89
MW-3	02/11/10	6120.42	76.41	ND		6044.01
MW-3	05/21/10	6120.42	76.60	ND		6043.82
MW-3	09/29/10	6120.42	76.80	ND		6043.62
MW-3	11/02/10	6120.42	76.97	ND		6043.45
MW-3	02/02/11	6120.42	76.85	ND		6043.57
MW-3	05/04/11	6120.42	76.81	ND		6043.61
MW-3	09/29/11	6120.42	76.41	76.39	0.02	6044.02
MW-3	11/11/11	6120.42	76.49	ND		6043.93
MW-3	02/16/12	6120.42	76.33	ND		6044.09
MW-3	05/08/12	6120.42	76.35	ND		6044.07
MW-3	06/07/13	6120.42	76.91	ND		6043.51
MW-3	09/12/13	6120.42	77.10	ND		6043.32
MW-3	12/13/13	6120.42	77.09	ND		6043.33
MW-3	04/05/14	6120.42	77.07	ND		6043.35
MW-3	10/21/14	6120.42	77.24	ND		6043.18
MW-3	05/27/15	6120.42	77.12	ND		6043.30
MW-3	11/22/15	6120.42	77.08	ND		6043.34

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	12/07/95	6121.10	75.81	NR		6045.29
MW-4	12/03/96	6121.10	75.80	75.48	0.32	6045.54
MW-4	03/07/97	6121.10	75.92	NR		6045.18
MW-4	06/05/01	6121.10	76.48	NR		6044.62
MW-4	07/13/01	6121.10	76.59	NR		6044.51
MW-4	08/16/01	6121.10	76.48	NR		6044.62
MW-4	09/10/01	6121.10	76.45	NR		6044.65
MW-4	12/04/01	6121.10	77.29	NR		6043.81
MW-4	01/07/02	6121.10	76.31	76.30	0.01	6044.79
MW-4	01/23/02	6121.10	75.96	75.95	0.01	6045.14
MW-4	01/31/02	6121.10	76.02	76.01	0.01	6045.08
MW-4	02/07/02	6121.10	76.22	76.21	0.01	6044.88
MW-4	02/14/02	6121.10	76.06	76.05	0.01	6045.04
MW-4	02/20/02	6121.10	76.10	76.09	0.01	6045.00
MW-4	05/17/02	6121.10	76.11	NR		6044.99
MW-4	09/04/02	6121.10	76.28	NR		6044.82
MW-4	12/17/02	6121.10	76.04	NR		6045.06
MW-4	06/26/03	6121.10	76.24	ND		6044.86
MW-4	09/14/03	6121.10	76.28	ND		6044.82
MW-4	12/09/03	6121.10	76.07	ND		6045.03
MW-4	03/15/04	6121.10	76.05	ND		6045.05
MW-4	06/17/04	6121.10	75.86	ND		6045.24
MW-4	09/16/04	6121.10	75.54	ND		6045.56
MW-4	12/20/04	6121.10	75.40	ND		6045.70
MW-4	03/17/05	6121.10	75.27	ND		6045.83
MW-4	06/17/05	6121.10	75.32	ND		6045.78
MW-4	09/15/05	6121.10	75.26	ND		6045.84
MW-4	12/22/05	6121.10	75.34	ND		6045.76
MW-4	03/27/06	6121.10	75.31	ND		6045.79
MW-4	06/19/06	6121.10	75.46	ND		6045.64
MW-4	09/27/06	6121.10	75.80	ND		6045.30

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	**Date**	**TOC**	**Depth to Water (ft.)**	**Depth to LNAPL (ft.)**	**LNAPL Thickness (ft.)**	**GW Elevation (ft.)**
MW-4	12/20/06	6121.10	75.70	ND		6045.40
MW-4	03/28/07	6121.10	75.89	ND		6045.21
MW-4	06/14/07	6121.10	76.22	ND		6044.88
MW-4	09/18/07	6121.10	76.27	ND		6044.83
MW-4	12/17/07	6121.10	76.13	ND		6044.97
MW-4	03/05/08	6121.10	75.99	ND		6045.11
MW-4	06/12/08	6121.10	76.03	ND		6045.07
MW-4	09/08/08	6121.10	75.99	ND		6045.11
MW-4	12/03/08	6121.10	76.08	76.04	0.04	6045.05
MW-4	03/10/09	6121.10	76.23	ND		6044.87
MW-4	06/03/09	6121.10	76.30	ND		6044.80
MW-4	08/26/09	6121.10	76.62	ND		6044.48
MW-4	11/05/09	6121.10	76.47	ND		6044.63
MW-4	02/11/10	6121.10	76.32	ND		6044.78
MW-4	05/21/10	6121.10	76.58	ND		6044.52
MW-4	09/29/10	6121.10	76.85	ND		6044.25
MW-4	11/02/10	6121.10	77.07	ND		6044.03
MW-4	02/02/11	6121.10	76.80	ND		6044.30
MW-4	05/04/11	6121.10	76.78	ND		6044.32
MW-4	09/29/11	6121.10	76.27	ND		6044.83
MW-4	11/11/11	6121.10	76.25	ND		6044.85
MW-4	02/16/12	6121.10	76.97	ND		6044.13
MW-4	05/08/12	6121.10	76.03	ND		6045.07
MW-4	06/07/13	6121.10	76.87	ND		6044.23
MW-4	09/12/13	6121.10	77.08	ND		6044.02
MW-4	12/13/13	6121.10	77.11	ND		6043.99
MW-4	04/05/14	6121.10	77.06	ND		6044.04
MW-4	10/21/14	6121.10	77.20	ND		6043.90
MW-4	05/27/15	6121.10	77.12	ND		6043.98
MW-4	11/22/15	6121.10	77.06	ND		6044.04

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	**Date**	**TOC**	**Depth to Water (ft.)**	**Depth to LNAPL (ft.)**	**LNAPL Thickness (ft.)**	**GW Elevation (ft.)**
MW-5	08/30/00	6117.88	74.19	NR		6043.69
MW-5	06/05/01	6117.88	74.26	NR		6043.62
MW-5	07/13/01	6117.88	74.34	NR		6043.54
MW-5	08/16/01	6117.88	74.29	NR		6043.59
MW-5	09/10/01	6117.88	74.30	NR		6043.58
MW-5	05/17/02	6117.88	74.15	NR		6043.73
MW-5	09/04/02	6117.88	74.24	NR		6043.64
MW-5	12/17/02	6117.88	73.78	NR		6044.10
MW-5	06/26/03	6117.88	74.27	ND		6043.61
MW-5	09/14/03	6117.88	74.42	ND		6043.46
MW-5	12/09/03	6117.88	74.25	ND		6043.63
MW-5	03/15/04	6117.88	74.23	ND		6043.65
MW-5	06/17/04	6117.88	74.21	ND		6043.67
MW-5	09/16/04	6117.88	74.00	ND		6043.88
MW-5	12/20/04	6117.88	73.83	ND		6044.05
MW-5	03/17/05	6117.88	73.76	ND		6044.12
MW-5	06/17/05	6117.88	73.81	ND		6044.07
MW-5	09/15/05	6117.88	73.80	ND		6044.08
MW-5	12/22/05	6117.88	73.93	ND		6043.95
MW-5	03/27/06	6117.88	73.94	ND		6043.94
MW-5	06/19/06	6117.88	73.98	ND		6043.90
MW-5	09/27/06	6117.88	74.20	ND		6043.68
MW-5	12/20/06	6117.88	74.00	ND		6043.88
MW-5	03/28/07	6117.88	74.17	ND		6043.71
MW-5	06/14/07	6117.88	74.39	ND		6043.49
MW-5	09/18/07	6117.88	74.46	ND		6043.42

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	**Date**	**TOC**	**Depth to Water (ft.)**	**Depth to LNAPL (ft.)**	**LNAPL Thickness (ft.)**	**GW Elevation (ft.)**
MW-5	12/17/07	6117.88	74.41	ND		6043.47
MW-5	03/05/08	6117.88	74.36	ND		6043.52
MW-5	06/12/08	6117.88	74.53	ND		6043.35
MW-5	09/08/08	6117.88	74.47	ND		6043.41
MW-5	12/03/08	6117.88	74.54	ND		6043.34
MW-5	03/10/09	6117.88	74.53	ND		6043.35
MW-5	06/03/09	6117.88	74.67	74.65	0.02	6043.22
MW-5	08/26/09	6117.88	76.44	ND		6041.44
MW-5	11/05/09	6117.88	74.83	ND		6043.05
MW-5	02/11/10	6117.88	74.66	74.64	0.02	6043.23
MW-5	05/21/10	6117.88	75.00	74.95	0.05	6042.91
MW-5	09/29/10	6117.88	75.20	74.84	0.36	6042.95
MW-5	11/02/10	6117.88	76.67	76.32	0.35	6041.47
MW-5	02/02/11	6117.88	75.53	75.16	0.37	6042.62
MW-5	05/04/11	6117.88	77.53	77.50	0.03	6040.37
MW-5	09/29/11	6117.88	75.09	74.69	0.40	6043.09
MW-5	11/11/11	6117.88	75.18	74.90	0.28	6042.91
MW-5	02/16/12	6117.88	74.99	74.82	0.17	6043.01
MW-5	05/08/12	6117.88	74.77	ND		6043.11
MW-5	06/07/13	6117.88	75.25	75.16	0.09	6042.69
MW-5	09/12/13	6117.88	75.52	75.34	0.18	6042.49
MW-5	12/13/13	6117.88	75.52	75.30	0.22	6042.52
MW-5	04/05/14	6117.88	75.54	75.28	0.26	6042.53
MW-5	10/21/14	6117.88	75.44	75.44	0.00	6042.44
MW-5	05/27/15	6117.88	75.45	75.44	0.01	6042.43
MW-5	11/22/15	6117.88	75.47	75.46	0.01	6042.41

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	12/20/01	6113.73	NR	NR		0.00
MW-6	12/28/01	6113.73	NR	NR		0.00
MW-6	03/06/02	6113.73	72.09	70.64	1.45	6042.72
MW-6	03/11/02	6113.73	71.95	71.38	0.57	6042.20
MW-6	03/21/02	6113.73	71.44	71.17	0.27	6042.49
MW-6	04/03/02	6113.73	71.06	71.04	0.02	6042.68
MW-6	05/17/02	6113.73	71.04	70.97	0.07	6042.74
MW-6	09/04/02	6113.73	71.28	71.05	0.23	6042.62
MW-6	12/17/02	6113.73	71.06	71.03	0.03	6042.69
MW-6	03/20/03	6113.73	71.43	70.90	0.53	6042.69
MW-6	06/26/03	6113.73	71.66	71.04	0.62	6042.53
MW-6	09/14/03	6113.73	72.25	71.04	1.21	6042.38
MW-6	12/09/03	6113.73	71.75	71.10	0.65	6042.46
MW-6	03/15/04	6113.73	71.74	71.11	0.63	6042.46
MW-6	06/17/04	6113.73	71.68	71.11	0.57	6042.47
MW-6	09/16/04	6113.73	71.79	71.05	0.74	6042.49
MW-6	12/20/04	6113.73	72.09	71.05	1.04	6042.42
MW-6	03/17/05	6113.73	71.79	70.96	0.83	6042.56
MW-6	06/17/05	6113.73	72.05	71.05	1.00	6042.43
MW-6	09/15/05	6113.73	72.14	71.04	1.10	6042.41
MW-6	12/22/05	6113.73	72.22	71.30	0.92	6042.20
MW-6	03/27/06	6113.73	72.10	71.02	1.08	6042.44
MW-6	06/19/06	6113.73	72.33	71.34	0.99	6042.14
MW-6	07/21/06	6113.73	72.44	71.54	0.90	6041.96
MW-6	08/24/06	6113.73	72.42	71.54	0.88	6041.97
MW-6	09/27/06	6113.73	72.37	71.57	0.80	6041.96
MW-6	10/22/06	6113.73	72.35	71.53	0.82	6041.99
MW-6	11/07/06	6113.73	72.43	71.66	0.77	6041.87
MW-6	12/20/06	6113.73	72.41	71.60	0.81	6041.92
MW-6	01/16/07	6113.73	72.45	71.62	0.83	6041.90
MW-6	02/26/07	6113.73	72.41	71.65	0.76	6041.89
MW-6	03/26/07	6113.73	72.50	71.76	0.74	6041.78
MW-6	03/28/07	6113.73	72.39	ND		6041.34
MW-6	04/30/07	6113.73	72.49	71.77	0.72	6041.78
MW-6	05/24/07	6113.73	72.50	71.91	0.59	6041.67
MW-6	06/14/07	6113.73	72.42	71.83	0.59	6041.75
MW-6	07/31/07	6113.73	72.49	71.83	0.66	6041.73
MW-6	08/29/07	6113.73	72.47	71.82	0.65	6041.74
MW-6	09/18/07	6113.73	72.43	71.82	0.61	6041.75

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	10/31/07	6113.73	72.40	72.12	0.28	6041.54
MW-6	11/30/07	6113.73	72.27	72.02	0.25	6041.64
MW-6	12/17/07	6113.73	72.18	72.11	0.07	6041.60
MW-6	01/23/08	6113.73	72.13	71.96	0.17	6041.72
MW-6	03/05/08	6113.73	71.95	71.94	0.01	6041.78
MW-6	04/15/08	6113.73	72.09	ND		6041.64
MW-6	05/08/08	6113.73	71.94	ND		6041.79
MW-6	06/12/08	6113.73	72.02	ND		6041.71
MW-6	07/17/08	6113.73	72.07	ND		6041.66
MW-6	08/12/08	6113.73	72.02	ND		6041.71
MW-6	09/08/08	6113.73	71.92	71.91	0.01	6041.81
MW-6	10/09/08	6113.73	71.97	ND		6041.76
MW-6	11/07/08	6113.73	71.98	ND		6041.75
MW-6	12/03/08	6113.73	72.00	ND		6041.73
MW-6	01/16/09	6113.73	72.15	ND		6041.58
MW-6	02/06/09	6113.73	72.09	ND		6041.64
MW-6	03/10/09	6113.73	71.92	ND		6041.81
MW-6	04/01/09	6113.73	71.84	ND		6041.89
MW-6	05/01/09	6113.73	72.00	ND		6041.73
MW-6	06/03/09	6113.73	72.06	ND		6041.67
MW-6	08/26/09	6113.73	73.02	ND		6040.71
MW-6	11/05/09	6113.73	72.18	ND		6041.55
MW-6	02/11/10	6113.73	72.13	ND		6041.60
MW-6	05/21/10	6113.73	72.20	ND		6041.53
MW-6	09/29/10	6113.73	72.15	ND		6041.58
MW-6	11/02/10	6113.73	73.07	ND		6040.66
MW-6	02/02/11	6113.73	72.25	ND		6041.48
MW-6	05/04/11	6113.73	72.32	ND		6041.41
MW-6	09/29/11	6113.73	72.30	ND		6041.43
MW-6	11/11/11	6113.73	72.78	ND		6040.95
MW-6	02/16/12	6113.73	72.29	ND		6041.44
MW-6	05/08/12	6113.73	72.37	ND		6041.36
MW-6	06/07/13	6113.73	72.51	ND		6041.22
MW-6	09/12/13	6113.73	72.40	ND		6041.33
MW-6	12/13/13	6113.73	72.63	ND		6041.10
MW-6	04/05/14	6113.73	72.64	ND		6041.09
MW-6	10/21/14	6113.73	72.86	ND		6040.87
MW-6	05/27/15	6113.73	72.90	ND		6040.83
MW-6	11/22/15	6113.73	72.97	ND		6040.76

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	**Date**	**TOC**	**Depth to Water (ft.)**	**Depth to LNAPL (ft.)**	**LNAPL Thickness (ft.)**	**GW Elevation (ft.)**
MW-7	12/20/06	6121.89	74.38	ND		6047.51
MW-7	03/28/07	6121.89	74.51	ND		6047.38
MW-7	06/14/07	6121.89	74.47	ND		6047.42
MW-7	09/18/07	6121.89	74.22	ND		6047.67
MW-7	12/17/07	6121.89	74.12	ND		6047.77
MW-7	03/05/08	6121.89	73.90	ND		6047.99
MW-7	04/15/08	6121.89	72.82	ND		6049.07
MW-7	06/12/08	6121.89	73.77	ND		6048.12
MW-7	09/08/08	6121.89	73.76	73.75	0.01	6048.13
MW-7	12/03/08	6121.89	73.92	ND		6047.97
MW-7	03/10/09	6121.89	73.83	ND		6048.06
MW-7	06/03/09	6121.89	73.85	ND		6048.04
MW-7	08/25/09	6121.89	NA	NA		0.00
MW-7	08/26/09	6121.89	73.63	ND		6048.26
MW-7	11/05/09	6121.89	73.92	ND		6047.97
MW-7	02/11/10	6121.89	73.91	ND		6047.98
MW-7	05/21/10	6121.89	74.28	ND		6047.61
MW-7	09/29/10	6121.89	74.57	ND		6047.32
MW-7	11/02/10	6121.89	74.76	ND		6047.13
MW-7	02/02/11	6121.89	73.95	ND		6047.94
MW-7	05/04/11	6121.89	73.00	ND		6048.89
MW-7	09/29/11	6121.89	71.93	ND		6049.96
MW-7	11/11/11	6121.89	71.90	ND		6049.99
MW-7	02/16/12	6121.89	71.85	ND		6050.04
MW-7	05/08/12	6121.89	72.94	ND		6048.95
MW-7	06/07/13		Destroyed			

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-9	12/20/06	6109.56	67.56	ND		6042.00
MW-9	03/28/07	6109.56	67.72	ND		6041.84
MW-9	06/14/07	6109.56	67.97	ND		6041.59
MW-9	09/18/07	6109.56	68.10	ND		6041.46
MW-9	12/17/07	6109.56	68.07	ND		6041.49
MW-9	03/05/08	6109.56	68.04	ND		6041.52
MW-9	04/15/08	6109.56	68.03	ND		6041.53
MW-9	06/12/08	6109.56	68.27	ND		6041.29
MW-9	09/08/08	6109.56	68.25	ND		6041.31
MW-9	12/03/08	6109.56	68.26	ND		6041.30
MW-9	03/10/09	6109.56	68.28	ND		6041.28
MW-9	06/03/09	6109.56	68.44	ND		6041.12
MW-9	08/26/09	6109.56	68.40	ND		6041.16
MW-9	11/05/09	6109.56	68.62	ND		6040.94
MW-9	02/11/10	6109.56	68.30	ND		6041.26
MW-9	05/21/10	6109.56	68.42	ND		6041.14
MW-9	09/29/10	6109.56	68.47	ND		6041.09
MW-9	11/02/10	6109.56	68.73	ND		6040.83
MW-9	02/02/11	6109.56	68.60	ND		6040.96
MW-9	05/04/11	6109.56	68.74	ND		6040.82
MW-9	09/29/11	6109.56	68.67	ND		6040.89
MW-9	11/11/11	6109.56	68.65	ND		6040.91
MW-9	02/16/12	6109.56	68.60	ND		6040.96
MW-9	05/08/12	6109.56	68.62	ND		6040.94
MW-9	06/07/13	6109.56	68.99	ND		6040.57
MW-9	09/12/13	6109.56	69.18	ND		6040.38
MW-9	12/13/13	6109.56	69.04	ND		6040.52
MW-9	04/05/14	6109.56	69.02	ND		6040.54
MW-9	10/21/14	6109.56	69.30	ND		6040.26
MW-9	05/27/15	6109.56	69.44	ND		6040.12
MW-9	11/22/15	6109.56	69.58	ND		6039.98

TABLE 2 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	**Date**	**TOC**	**Depth to Water (ft.)**	**Depth to LNAPL (ft.)**	**LNAPL Thickness (ft.)**	**GW Elevation (ft.)**
MW-10	05/27/15	6123.78	71.94	71.78	0.16	6051.96
MW-10	11/22/15	6123.78	71.29	71.11	0.18	6052.63
MW-11	05/27/15	6121.55	75.02	75.01	0.01	6046.54
MW-11	11/22/15	6121.55	74.61	74.59	0.02	6046.96
MW-12	05/27/15	6118.17	86.28	ND		6031.89
MW-12	11/22/15	6118.17	85.20	ND		6032.97
MW-13	05/27/15	6115.52	83.66	ND		6031.86
MW-13	11/22/15	6115.52	81.40	ND		6034.12
MW-14	05/27/15	6111.92	71.41	ND		6040.51
MW-14	11/22/15	6111.92	71.45	ND		6040.47
MW-15	05/27/15	6110.93	70.42	ND		6040.51
MW-15	11/22/15	6110.93	70.56	ND		6040.37
MW-16	05/27/15	6113.78	72.66	ND		6041.12
MW-16	11/22/15	6113.78	72.79	ND		6040.99
MW-17	05/27/15	6117.30	85.94	ND		6031.36
MW-17	11/22/15	6117.30	84.77	ND		6032.53
MW-18	05/27/15	6121.16	77.74	ND		6043.42
MW-18	11/22/15	6121.16	77.70	ND		6043.46
MW-19	05/27/15	6115.44	73.76	ND		6041.68
MW-19	11/22/15	6115.44	73.82	ND		6041.62

Notes:
"ft" = feet
"TOC" = Top of casing
"LNAPL" = Light non-aqueous phase liquid
"ND" = LNAPL not detected
"NR" = LNAPL not recorded

FIGURES

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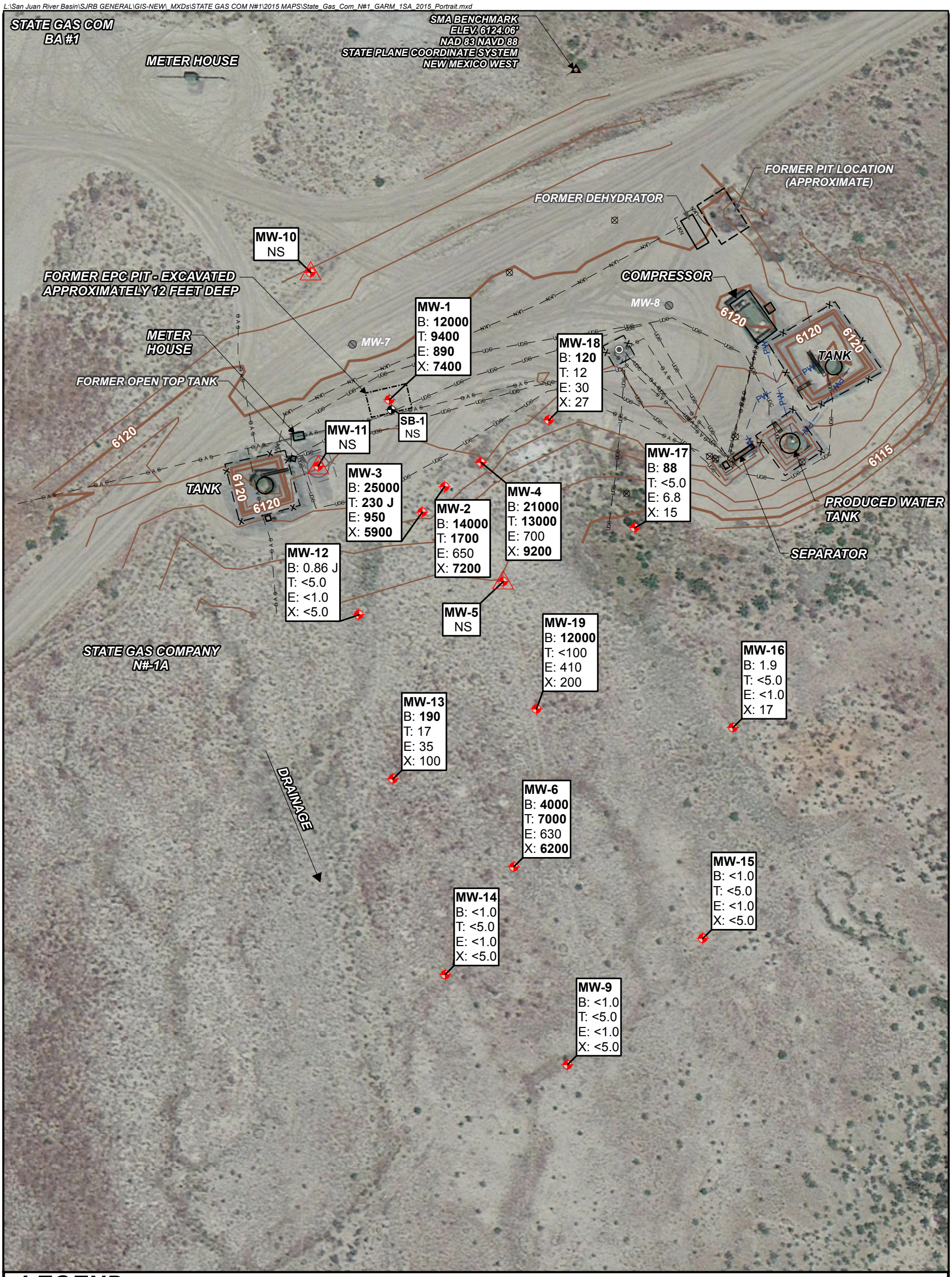

LEGEND:

- 6120 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- —x— FENCE
- G A S NATURAL GAS LINE
- PW PRODUCED WATER LINE
- UKN UNKNOWN LINE
- UGC UNDERGROUND CABLE
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASUREABLE FREE PRODUCT
- RIG ANCHOR
- SOIL BORING
- SMA BENCHMARK
- WELLHEAD

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
<1.0 = BELOW REPORTING LIMIT
J = RESULT IS LESS THAN THE REPORTING LIMIT BUT GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT AND THE CONCENTRATION IS AN APPROXIMATE VALUE.

ANALYTE	NMWQCC STANDARDS
B = Benzene	10 µg/L
T = Toluene	750 µg/L
E = Ethylbenzene	750 µg/L
X = Total Xylenes	620 µg/L

N

SCALE IN FEET
0 60 120

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/12/2016	CCL	CCL	SV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
MAY 27, 2015

PROJECT:

STATE GAS COM N#1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

MWH

Figure No.: 1

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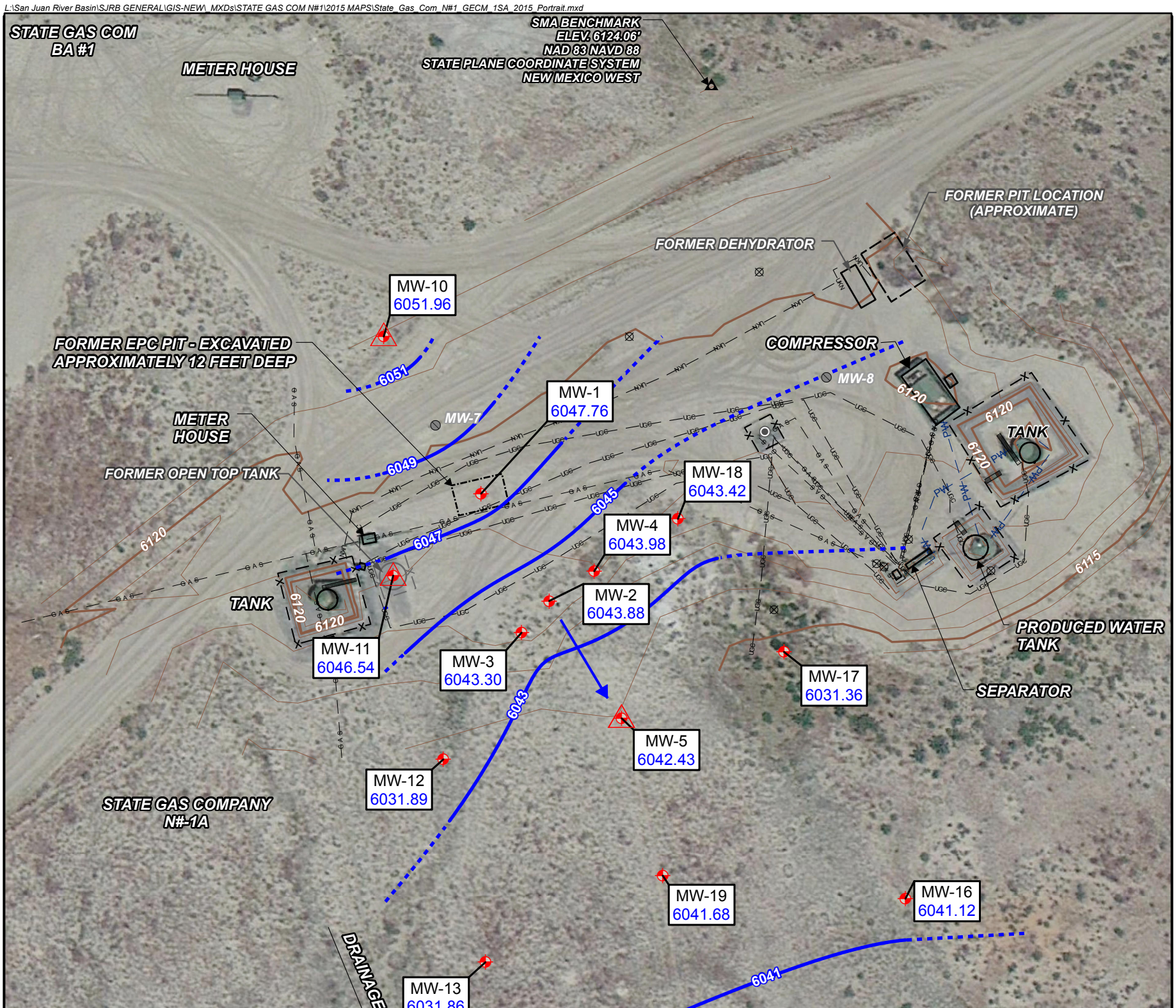


LEGEND:

- 6120 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- —X— FENCE
- G A S NATURAL GAS LINE
- PW PRODUCED WATER LINE
- UKN UNKNOWN LINE
- UGC UNDERGROUND CABLE
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASUREABLE FREE PRODUCT
- RIG ANCHOR
- SOIL BORING
- SMA BENCHMARK
- WELLHEAD

NOTES:

6043.98 — GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL

–6043– CORRECTED WATER ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL) 2 FOOT CONTOUR INTERVAL

DIRECTION OF APPARENT GROUNDWATER FLOW

MONITORING WELLS MW-12, MW-13, AND MW-17 WERE NOT USED FOR GROUNDWATER CONTOURING DUE TO ANOMALOUS MEASUREMENTS.

N

SCALE IN FEET
0 60 120

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/12/2016	CCL	CCL	SV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 27, 2015

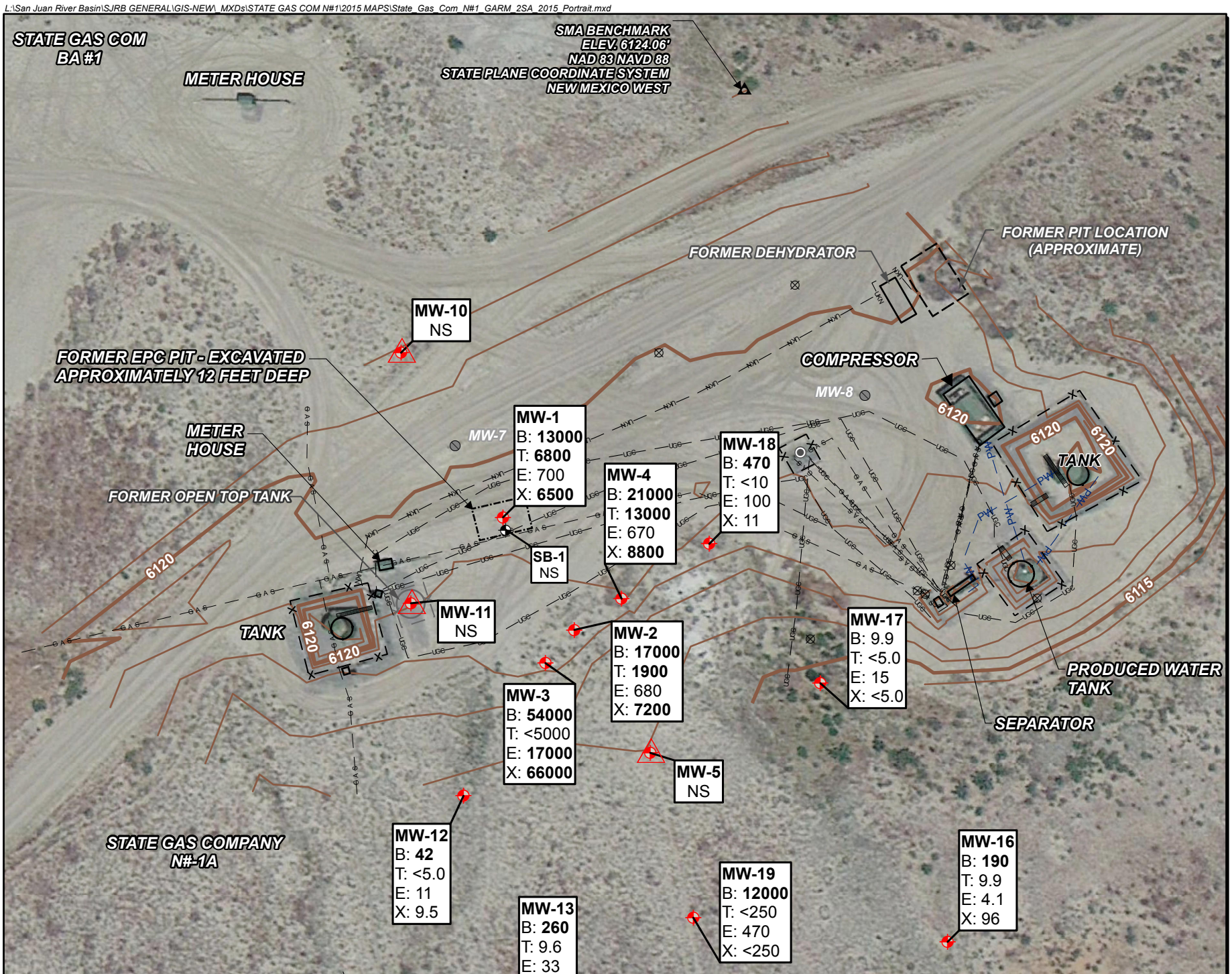
PROJECT:

STATE GAS COM N#1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

MWH

Figure No.: **2**

L:\San Juan River Basin\SJRB GENERAL\GIS-NEW_MXDs\STATE GAS COM N#1\2015 MAPS\State_Gas_Com_N#1_GARM_2SA_2015_Portrait.mxd



LEGEND:

- 6120 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- —X— — FENCE
- GAS — NATURAL GAS LINE
- PW — PRODUCED WATER LINE
- UKN — UNKNOWN LINE
- UGC — UNDERGROUND CABLE
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASUREABLE FREE PRODUCT
- RIG ANCHOR
- SOIL BORING
- SMA BENCHMARK
- WELLHEAD

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
<1.0 = BELOW REPORTING LIMIT

ANALYTE	NMWQCC STANDARDS
B = Benzene	10 µg/L
T = Toluene	750 µg/L
E = Ethylbenzene	750 µg/L
X = Total Xylenes	620 µg/L

N

SCALE IN FEET
0 60 120

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/12/2016	CCL	CCL	SV

TITLE:

GROUNDWATER ANALYTICAL RESULTS NOVEMBER 22, 2015

PROJECT:

STATE GAS COM N#1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

MWH

Figure No.: **3**

L:\San Juan River Basin\SJRB GENERAL\GIS-NEW_MXDs\STATE GAS COM N#1\2015 MAPS\State_Gas_Com_N#1_GECM_2SA_2015_Portrait.mxd

STATE GAS COM BA #1

METER HOUSE

SMA BENCHMARK
ELEV. 6124.06'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST

FORMER PIT LOCATION (APPROXIMATE)

FORMER DEHYDRATOR

COMPRESSOR

MW-10
6052.63

FORMER EPC PIT - EXCAVATED APPROXIMATELY 12 FEET DEEP

METER HOUSE

MW-08

MW-07

MW-1
6045.16

FORMER OPEN TOP TANK

MW-18
6043.46

TANK

MW-4
6044.04

MW-2
6044.03

MW-11
6046.96

TANK

MW-17
6032.53

PRODUCED WATER TANK

MW-3
6043.34

SEPARATOR

MW-12
6032.97

MW-5
6042.41

STATE GAS COMPANY N#-1A

MW-19
6041.62

MW-16
6040.99

MW-13
6034.12

DRAINAGE

MW-6
6040.76

MW-15
6040.37

MW-14
6040.47

MW-9
6039.98

6120 6115 6051 6049 6047 6045 6043 6041

LEGEND:

- 6120 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- —x— FENCE
- G A S NATURAL GAS LINE
- PW PRODUCED WATER LINE
- UKN UNKNOWN LINE
- UGC UNDERGROUND CABLE
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASUREABLE FREE PRODUCT
- RIG ANCHOR
- SOIL BORING
- SMA BENCHMARK
- WELLHEAD

NOTES:

6039.98 — GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL

–6041– CORRECTED WATER ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL) 2 FOOT CONTOUR INTERVAL

DIRECTION OF APPARENT GROUNDWATER FLOW

MONITORING WELLS MW-12, MW-13, AND MW-17 WERE NOT USED FOR GROUNDWATER CONTOURING DUE TO ANOMALOUS MEASUREMENTS.

N

SCALE IN FEET
0 60 120

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/12/2016	CCL	CCL	SV

TITLE:

GROUNDWATER ELEVATION MAP
NOVEMBER 22, 2015

PROJECT:

STATE GAS COM N#1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

MWH

Figure No.: **4**

APPENDIX

APPENDIX A – MAY 27, 2015 GROUNDWATER SAMPLING ANALYTICAL REPORT
NOVEMBER 22, 2015 GROUNDWATER SAMPLING ANALYTICAL REPORT

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

TestAmerica Job ID: 400-106331-1
Client Project/Site: NM- GW Pits, State Gas Com N#1
Revision: 1

For:
MWH Americas Inc
1560 Broadway
Suite 1800
Denver, Colorado 80202

Attn: Ms. Sarah Gardner

Authorized for release by:
6/20/2015 3:41:09 PM

Marty Edwards, Manager of Project Management
(850)474-1001
marty.edwards@testamericainc.com

Table of Contents

Definitions/Glossary

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Job ID: 400-106331-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-106331-1

Comments
No additional comments.

Receipt
The samples were received on 5/30/2015 9:13 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.6º C.

GC VOA
Method 8021B: The mid sequence continuing calibration verification (CCV) associated with batch 400-259663 recovered above the upper control limit for Ethyl Benzene. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data has been reported.

Method 8021B: The result for benzene for sample STATE GAS COM N #1 MW-19 (400-106331-14) exceeded the linear range of the instrument. The original analysis was performed within holding time and the dilution was performed outside of holding time.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Revised Report
The report was revised to correct the sample IDs.

Detection Summary

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-1 — Lab Sample ID: 400-106331-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	12000		100	56	ug/L	100		8021B	Total/NA
Ethylbenzene	890		100	64	ug/L	100		8021B	Total/NA
Toluene	9400		500	98	ug/L	100		8021B	Total/NA
Xylenes, Total	7400		500	170	ug/L	100		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 MW-2 — Lab Sample ID: 400-106331-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	14000		100	56	ug/L	100		8021B	Total/NA
Ethylbenzene	650		100	64	ug/L	100		8021B	Total/NA
Toluene	1700		500	98	ug/L	100		8021B	Total/NA
Xylenes, Total	7200		500	170	ug/L	100		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 MW-3 — Lab Sample ID: 400-106331-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	25000		100	56	ug/L	100		8021B	Total/NA
Ethylbenzene	950		100	64	ug/L	100		8021B	Total/NA
Toluene	230	J	500	98	ug/L	100		8021B	Total/NA
Xylenes, Total	5900		500	170	ug/L	100		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 MW-4 — Lab Sample ID: 400-106331-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	21000		100	56	ug/L	100		8021B	Total/NA
Ethylbenzene	700		100	64	ug/L	100		8021B	Total/NA
Toluene	13000		500	98	ug/L	100		8021B	Total/NA
Xylenes, Total	9200		500	170	ug/L	100		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 MW-6 — Lab Sample ID: 400-106331-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4000		100	56	ug/L	100		8021B	Total/NA
Ethylbenzene	630		100	64	ug/L	100		8021B	Total/NA
Toluene	7000		500	98	ug/L	100		8021B	Total/NA
Xylenes, Total	6200		500	170	ug/L	100		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 MW-9 — Lab Sample ID: 400-106331-6

No Detections.

Client Sample ID: STATE GAS COM N #1 MW-12 — Lab Sample ID: 400-106331-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.86	J	1.0	0.56	ug/L	1		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 MW-13 — Lab Sample ID: 400-106331-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	190		1.0	0.56	ug/L	1		8021B	Total/NA
Ethylbenzene	35		1.0	0.64	ug/L	1		8021B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: STATE GAS COM N #1 MW-13 (Continued) — Lab Sample ID: 400-106331-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	17		5.0	0.98	ug/L	1		8021B	Total/NA
Xylenes, Total	100		5.0	1.7	ug/L	1		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 MW-14 — Lab Sample ID: 400-106331-9

No Detections.

Client Sample ID: STATE GAS COM N #1 MW-15 — Lab Sample ID: 400-106331-10

No Detections.

Client Sample ID: STATE GAS COM N #1 MW-16 — Lab Sample ID: 400-106331-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.9		1.0	0.56	ug/L	1		8021B	Total/NA
Xylenes, Total	17		5.0	1.7	ug/L	1		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 MW-17 — Lab Sample ID: 400-106331-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	88		1.0	0.56	ug/L	1		8021B	Total/NA
Ethylbenzene	6.8		1.0	0.64	ug/L	1		8021B	Total/NA
Xylenes, Total	15		5.0	1.7	ug/L	1		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 MW-18 — Lab Sample ID: 400-106331-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	120		2.0	1.1	ug/L	2		8021B	Total/NA
Ethylbenzene	30		2.0	1.3	ug/L	2		8021B	Total/NA
Toluene	12		10	2.0	ug/L	2		8021B	Total/NA
Xylenes, Total	27		10	3.4	ug/L	2		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 MW-19 — Lab Sample ID: 400-106331-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	10000	E	20	11	ug/L	20		8021B	Total/NA
Ethylbenzene	410		20	13	ug/L	20		8021B	Total/NA
Xylenes, Total	200		100	34	ug/L	20		8021B	Total/NA
Benzene - DL	12000		50	28	ug/L	50		8021B	Total/NA

Client Sample ID: STATE GAS COM N #1 TRIP BLANK — Lab Sample ID: 400-106331-15

No Detections.

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-106331-1	STATE GAS COM N #1 MW-1	Water	05/27/15 13:25	05/30/15 09:13
400-106331-2	STATE GAS COM N #1 MW-2	Water	05/27/15 13:20	05/30/15 09:13
400-106331-3	STATE GAS COM N #1 MW-3	Water	05/27/15 13:10	05/30/15 09:13
400-106331-4	STATE GAS COM N #1 MW-4	Water	05/27/15 13:30	05/30/15 09:13
400-106331-5	STATE GAS COM N #1 MW-6	Water	05/27/15 11:35	05/30/15 09:13
400-106331-6	STATE GAS COM N #1 MW-9	Water	05/27/15 11:00	05/30/15 09:13
400-106331-7	STATE GAS COM N #1 MW-12	Water	05/27/15 12:35	05/30/15 09:13
400-106331-8	STATE GAS COM N #1 MW-13	Water	05/27/15 12:25	05/30/15 09:13
400-106331-9	STATE GAS COM N #1 MW-14	Water	05/27/15 11:25	05/30/15 09:13
400-106331-10	STATE GAS COM N #1 MW-15	Water	05/27/15 11:15	05/30/15 09:13
400-106331-11	STATE GAS COM N #1 MW-16	Water	05/27/15 11:50	05/30/15 09:13
400-106331-12	STATE GAS COM N #1 MW-17	Water	05/27/15 12:50	05/30/15 09:13
400-106331-13	STATE GAS COM N #1 MW-18	Water	05/27/15 13:40	05/30/15 09:13
400-106331-14	STATE GAS COM N #1 MW-19	Water	05/27/15 12:00	05/30/15 09:13
400-106331-15	STATE GAS COM N #1 TRIP BLANK	Water	05/27/15 14:00	05/30/15 09:13

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-1
Date Collected: 05/27/15 13:25
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-1
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12000		100	56	ug/L			06/03/15 17:22	100
Ethylbenzene	890		100	64	ug/L			06/03/15 17:22	100
Toluene	9400		500	98	ug/L			06/03/15 17:22	100
Xylenes, Total	7400		500	170	ug/L			06/03/15 17:22	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*105*		*78 - 124*		*06/03/15 17:22*	*100*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-2
Date Collected: 05/27/15 13:20
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-2
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14000		100	56	ug/L			06/03/15 18:22	100
Ethylbenzene	650		100	64	ug/L			06/03/15 18:22	100
Toluene	1700		500	98	ug/L			06/03/15 18:22	100
Xylenes, Total	7200		500	170	ug/L			06/03/15 18:22	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*106*		*78 - 124*		*06/03/15 18:22*	*100*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-3
Date Collected: 05/27/15 13:10
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-3
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	25000		100	56	ug/L			06/03/15 19:21	100
Ethylbenzene	950		100	64	ug/L			06/03/15 19:21	100
Toluene	230	J	500	98	ug/L			06/03/15 19:21	100
Xylenes, Total	5900		500	170	ug/L			06/03/15 19:21	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*105*		*78 - 124*		*06/03/15 19:21*	*100*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-4
Date Collected: 05/27/15 13:30
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-4
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	21000		100	56	ug/L			06/03/15 20:20	100
Ethylbenzene	700		100	64	ug/L			06/03/15 20:20	100
Toluene	13000		500	98	ug/L			06/03/15 20:20	100
Xylenes, Total	9200		500	170	ug/L			06/03/15 20:20	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*106*		*78 - 124*		*06/03/15 20:20*	*100*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-6
Date Collected: 05/27/15 11:35
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-5
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4000		100	56	ug/L			06/03/15 21:20	100
Ethylbenzene	630		100	64	ug/L			06/03/15 21:20	100
Toluene	7000		500	98	ug/L			06/03/15 21:20	100
Xylenes, Total	6200		500	170	ug/L			06/03/15 21:20	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*105*		*78 - 124*		*06/03/15 21:20*	*100*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-9
Date Collected: 05/27/15 11:00
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-6
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.56	ug/L			06/03/15 23:18	1
Ethylbenzene	<1.0		1.0	0.64	ug/L			06/03/15 23:18	1
Toluene	<5.0		5.0	0.98	ug/L			06/03/15 23:18	1
Xylenes, Total	<5.0		5.0	1.7	ug/L			06/03/15 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*105*		*78 - 124*		*06/03/15 23:18*	*1*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-12
Date Collected: 05/27/15 12:35
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-7
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.86**	**J**	1.0	0.56	ug/L			06/04/15 00:17	1
Ethylbenzene	<1.0		1.0	0.64	ug/L			06/04/15 00:17	1
Toluene	<5.0		5.0	0.98	ug/L			06/04/15 00:17	1
Xylenes, Total	<5.0		5.0	1.7	ug/L			06/04/15 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*104*		*78 - 124*		*06/04/15 00:17*	*1*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-13
Date Collected: 05/27/15 12:25
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-8
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	190		1.0	0.56	ug/L			06/05/15 13:38	1
Ethylbenzene	35		1.0	0.64	ug/L			06/05/15 13:38	1
Toluene	17		5.0	0.98	ug/L			06/05/15 13:38	1
Xylenes, Total	100		5.0	1.7	ug/L			06/05/15 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*111*		*78 - 124*		*06/05/15 13:38*	*1*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-14
Date Collected: 05/27/15 11:25
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-9
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.56	ug/L			06/04/15 04:14	1
Ethylbenzene	<1.0		1.0	0.64	ug/L			06/04/15 04:14	1
Toluene	<5.0		5.0	0.98	ug/L			06/04/15 04:14	1
Xylenes, Total	<5.0		5.0	1.7	ug/L			06/04/15 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*104*		*78 - 124*		*06/04/15 04:14*	*1*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-15
Date Collected: 05/27/15 11:15
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-10
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.56	ug/L			06/04/15 05:13	1
Ethylbenzene	<1.0		1.0	0.64	ug/L			06/04/15 05:13	1
Toluene	<5.0		5.0	0.98	ug/L			06/04/15 05:13	1
Xylenes, Total	<5.0		5.0	1.7	ug/L			06/04/15 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*104*		*78 - 124*		*06/04/15 05:13*	*1*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-16
Date Collected: 05/27/15 11:50
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-11
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.9**		1.0	0.56	ug/L			06/04/15 16:22	1
Ethylbenzene	<1.0		1.0	0.64	ug/L			06/04/15 16:22	1
Toluene	<5.0		5.0	0.98	ug/L			06/04/15 16:22	1
Xylenes, Total	**17**		5.0	1.7	ug/L			06/04/15 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*105*		*78 - 124*		*06/04/15 16:22*	*1*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-17
Date Collected: 05/27/15 12:50
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-12
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**88**		1.0	0.56	ug/L			06/04/15 17:21	1
Ethylbenzene	**6.8**		1.0	0.64	ug/L			06/04/15 17:21	1
Toluene	<5.0		5.0	0.98	ug/L			06/04/15 17:21	1
Xylenes, Total	**15**		5.0	1.7	ug/L			06/04/15 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*104*		*78 - 124*		*06/04/15 17:21*	*1*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-18
Date Collected: 05/27/15 13:40
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-13
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	120		2.0	1.1	ug/L			06/05/15 14:37	2
Ethylbenzene	30		2.0	1.3	ug/L			06/05/15 14:37	2
Toluene	12		10	2.0	ug/L			06/05/15 14:37	2
Xylenes, Total	27		10	3.4	ug/L			06/05/15 14:37	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*106*		*78 - 124*		*06/05/15 14:37*	*2*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-19
Date Collected: 05/27/15 12:00
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-14
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	10000	E	20	11	ug/L			06/03/15 22:19	20
Ethylbenzene	410		20	13	ug/L			06/03/15 22:19	20
Toluene	<100		100	20	ug/L			06/03/15 22:19	20
Xylenes, Total	200		100	34	ug/L			06/03/15 22:19	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*101*		*78 - 124*		*06/03/15 22:19*	*20*

Method: 8021B - Volatile Organic Compounds (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12000		50	28	ug/L			06/04/15 15:23	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*100*		*78 - 124*		*06/04/15 15:23*	*50*

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 TRIP BLANK
Lab Sample ID: 400-106331-15
Date Collected: 05/27/15 14:00
Matrix: Water
Date Received: 05/30/15 09:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.56	ug/L			06/04/15 03:15	1
Ethylbenzene	<1.0		1.0	0.64	ug/L			06/04/15 03:15	1
Toluene	<5.0		5.0	0.98	ug/L			06/04/15 03:15	1
Xylenes, Total	<5.0		5.0	1.7	ug/L			06/04/15 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*106*		*78 - 124*		*06/04/15 03:15*	*1*

QC Association Summary

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

GC VOA

Analysis Batch: 259663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-106331-1	STATE GAS COM N #1 MW-1	Total/NA	Water	8021B	
400-106331-2	STATE GAS COM N #1 MW-2	Total/NA	Water	8021B	
400-106331-3	STATE GAS COM N #1 MW-3	Total/NA	Water	8021B	
400-106331-4	STATE GAS COM N #1 MW-4	Total/NA	Water	8021B	
400-106331-5	STATE GAS COM N #1 MW-6	Total/NA	Water	8021B	
400-106331-6	STATE GAS COM N #1 MW-9	Total/NA	Water	8021B	
400-106331-7	STATE GAS COM N #1 MW-12	Total/NA	Water	8021B	
400-106331-7 MS	STATE GAS COM N #1 MW-12	Total/NA	Water	8021B	
400-106331-7 MSD	STATE GAS COM N #1 MW-12	Total/NA	Water	8021B	
400-106331-9	STATE GAS COM N #1 MW-14	Total/NA	Water	8021B	
400-106331-10	STATE GAS COM N #1 MW-15	Total/NA	Water	8021B	
400-106331-14	STATE GAS COM N #1 MW-19	Total/NA	Water	8021B	
400-106331-15	STATE GAS COM N #1 TRIP BLANK	Total/NA	Water	8021B	
LCS 400-259663/1003	Lab Control Sample	Total/NA	Water	8021B	
MB 400-259663/4	Method Blank	Total/NA	Water	8021B	

Analysis Batch: 259818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-106331-11	STATE GAS COM N #1 MW-16	Total/NA	Water	8021B	
400-106331-11 MS	STATE GAS COM N #1 MW-16	Total/NA	Water	8021B	
400-106331-11 MSD	STATE GAS COM N #1 MW-16	Total/NA	Water	8021B	
400-106331-12	STATE GAS COM N #1 MW-17	Total/NA	Water	8021B	
400-106331-14 - DL	STATE GAS COM N #1 MW-19	Total/NA	Water	8021B	
LCS 400-259818/1002	Lab Control Sample	Total/NA	Water	8021B	
MB 400-259818/3	Method Blank	Total/NA	Water	8021B	

Analysis Batch: 260053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-106331-8	STATE GAS COM N #1 MW-13	Total/NA	Water	8021B	
400-106331-13	STATE GAS COM N #1 MW-18	Total/NA	Water	8021B	
400-106530-A-2 MS	Matrix Spike	Total/NA	Water	8021B	
400-106530-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	
LCS 400-260053/1001	Lab Control Sample	Total/NA	Water	8021B	
MB 400-260053/2	Method Blank	Total/NA	Water	8021B	

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 400-259663/4
Matrix: Water
Analysis Batch: 259663

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.56	ug/L			06/03/15 16:23	1
Ethylbenzene	<1.0		1.0	0.64	ug/L			06/03/15 16:23	1
Toluene	<5.0		5.0	0.98	ug/L			06/03/15 16:23	1
Xylenes, Total	<5.0		5.0	1.7	ug/L			06/03/15 16:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*104*		*78 - 124*		*06/03/15 16:23*	*1*

Lab Sample ID: LCS 400-259663/1003
Matrix: Water
Analysis Batch: 259663

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	52.9		ug/L		106	85 - 115		
Ethylbenzene			50.0	55.1		ug/L		110	85 - 115		
Toluene			50.0	53.6		ug/L		107	85 - 115		
Xylenes, Total			150	165		ug/L		110	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*104*		*78 - 124*

Lab Sample ID: 400-106331-7 MS
Matrix: Water
Analysis Batch: 259663

Client Sample ID: STATE GAS COM N #1 MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	0.86	J	50.0	53.3		ug/L		105	44 - 150		
Ethylbenzene	<1.0		50.0	54.8		ug/L		110	70 - 142		
Toluene	<5.0		50.0	53.5		ug/L		107	69 - 136		
Xylenes, Total	<5.0		150	163		ug/L		109	68 - 142		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*102*		*78 - 124*

Lab Sample ID: 400-106331-7 MSD
Matrix: Water
Analysis Batch: 259663

Client Sample ID: STATE GAS COM N #1 MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.86	J	50.0	49.9		ug/L		98	44 - 150	7	16
Ethylbenzene	<1.0		50.0	51.9		ug/L		104	70 - 142	5	16
Toluene	<5.0		50.0	50.4		ug/L		101	69 - 136	6	16
Xylenes, Total	<5.0		150	156		ug/L		104	68 - 142	4	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*102*		*78 - 124*

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 400-259818/3
Matrix: Water
Analysis Batch: 259818

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.56	ug/L			06/04/15 12:25	1
Ethylbenzene	<1.0		1.0	0.64	ug/L			06/04/15 12:25	1
Toluene	<5.0		5.0	0.98	ug/L			06/04/15 12:25	1
Xylenes, Total	<5.0		5.0	1.7	ug/L			06/04/15 12:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*106*		*78 - 124*		*06/04/15 12:25*	*1*

Lab Sample ID: LCS 400-259818/1002
Matrix: Water
Analysis Batch: 259818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	52.8		ug/L		106	85 - 115
Ethylbenzene	50.0	54.8		ug/L		110	85 - 115
Toluene	50.0	53.3		ug/L		107	85 - 115
Xylenes, Total	150	163		ug/L		109	85 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*103*		*78 - 124*

Lab Sample ID: 400-106331-11 MS
Matrix: Water
Analysis Batch: 259818

Client Sample ID: STATE GAS COM N #1 MW-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	1.9		50.0	47.4		ug/L		91	44 - 150
Ethylbenzene	<1.0		50.0	47.2		ug/L		94	70 - 142
Toluene	<5.0		50.0	46.6		ug/L		93	69 - 136
Xylenes, Total	17		150	154		ug/L		91	68 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*103*		*78 - 124*

Lab Sample ID: 400-106331-11 MSD
Matrix: Water
Analysis Batch: 259818

Client Sample ID: STATE GAS COM N #1 MW-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	1.9		50.0	48.0		ug/L		92	44 - 150	1	16
Ethylbenzene	<1.0		50.0	48.4		ug/L		97	70 - 142	3	16
Toluene	<5.0		50.0	47.5		ug/L		95	69 - 136	2	16
Xylenes, Total	17		150	159		ug/L		95	68 - 142	3	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*103*		*78 - 124*

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 400-260053/2
Matrix: Water
Analysis Batch: 260053

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.56	ug/L			06/05/15 10:07	1
Ethylbenzene	<1.0		1.0	0.64	ug/L			06/05/15 10:07	1
Toluene	<5.0		5.0	0.98	ug/L			06/05/15 10:07	1
Xylenes, Total	<5.0		5.0	1.7	ug/L			06/05/15 10:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*106*		*78 - 124*		*06/05/15 10:07*	*1*

Lab Sample ID: LCS 400-260053/1001
Matrix: Water
Analysis Batch: 260053

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	54.8		ug/L		110	85 - 115
Ethylbenzene	50.0	56.7		ug/L		113	85 - 115
Toluene	50.0	55.2		ug/L		110	85 - 115
Xylenes, Total	150	169		ug/L		112	85 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*102*		*78 - 124*

Lab Sample ID: 400-106530-A-2 MS
Matrix: Water
Analysis Batch: 260053

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<1.0		50.0	51.7		ug/L		103	44 - 150
Ethylbenzene	1.1		50.0	53.9		ug/L		106	70 - 142
Toluene	<5.0		50.0	52.3		ug/L		105	69 - 136
Xylenes, Total	<5.0		150	161		ug/L		107	68 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*102*		*78 - 124*

Lab Sample ID: 400-106530-A-2 MSD
Matrix: Water
Analysis Batch: 260053

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	48.1		ug/L		96	44 - 150	7	16
Ethylbenzene	1.1		50.0	50.1		ug/L		98	70 - 142	7	16
Toluene	<5.0		50.0	48.7		ug/L		97	69 - 136	7	16
Xylenes, Total	<5.0		150	150		ug/L		100	68 - 142	7	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*102*		*78 - 124*

Lab Chronicle

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-1
Date Collected: 05/27/15 13:25
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		100	5 mL	5 mL	259663	06/03/15 17:22	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-2
Date Collected: 05/27/15 13:20
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		100	5 mL	5 mL	259663	06/03/15 18:22	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-3
Date Collected: 05/27/15 13:10
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		100	5 mL	5 mL	259663	06/03/15 19:21	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-4
Date Collected: 05/27/15 13:30
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		100	5 mL	5 mL	259663	06/03/15 20:20	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-6
Date Collected: 05/27/15 11:35
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		100	5 mL	5 mL	259663	06/03/15 21:20	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-9
Date Collected: 05/27/15 11:00
Date Received: 05/30/15 09:13

Lab Sample ID: 400-106331-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	259663	06/03/15 23:18	MKA	TAL PEN
	Instrument ID: ETHYL									

Lab Chronicle

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-12
Lab Sample ID: 400-106331-7
Date Collected: 05/27/15 12:35
Matrix: Water
Date Received: 05/30/15 09:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	259663	06/04/15 00:17	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-13
Lab Sample ID: 400-106331-8
Date Collected: 05/27/15 12:25
Matrix: Water
Date Received: 05/30/15 09:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	260053	06/05/15 13:38	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-14
Lab Sample ID: 400-106331-9
Date Collected: 05/27/15 11:25
Matrix: Water
Date Received: 05/30/15 09:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	259663	06/04/15 04:14	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-15
Lab Sample ID: 400-106331-10
Date Collected: 05/27/15 11:15
Matrix: Water
Date Received: 05/30/15 09:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	259663	06/04/15 05:13	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-16
Lab Sample ID: 400-106331-11
Date Collected: 05/27/15 11:50
Matrix: Water
Date Received: 05/30/15 09:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	259818	06/04/15 16:22	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-17
Lab Sample ID: 400-106331-12
Date Collected: 05/27/15 12:50
Matrix: Water
Date Received: 05/30/15 09:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	259818	06/04/15 17:21	MKA	TAL PEN
	Instrument ID: ETHYL									

Lab Chronicle

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Client Sample ID: STATE GAS COM N #1 MW-18

Lab Sample ID: 400-106331-13
Date Collected: 05/27/15 13:40
Matrix: Water
Date Received: 05/30/15 09:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		2	5 mL	5 mL	260053	06/05/15 14:37	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 MW-19

Lab Sample ID: 400-106331-14
Date Collected: 05/27/15 12:00
Matrix: Water
Date Received: 05/30/15 09:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		20	5 mL	5 mL	259663	06/03/15 22:19	MKA	TAL PEN
	Instrument ID: ETHYL									
Total/NA	Analysis	8021B	DL	50	5 mL	5 mL	259818	06/04/15 15:23	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: STATE GAS COM N #1 TRIP BLANK

Lab Sample ID: 400-106331-15
Date Collected: 05/27/15 14:00
Matrix: Water
Date Received: 05/30/15 09:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	259663	06/04/15 03:15	MKA	TAL PEN
	Instrument ID: ETHYL									

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Certification Summary

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Laboratory: TestAmerica Pensacola

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-15
Arizona	State Program	9	AZ0710	01-11-16
Arkansas DEQ	State Program	6	88-0689	09-01-15
Florida	NELAP	4	E81010	06-30-15
Georgia	State Program	4	N/A	06-30-15
Illinois	NELAP	5	200041	10-09-15
Iowa	State Program	7	367	07-31-16
Kansas	NELAP	7	E-10253	06-30-15 *
Kentucky (UST)	State Program	4	53	06-30-15
Kentucky (WW)	State Program	4	98030	12-31-15
Louisiana	NELAP	6	30976	06-30-15
Maryland	State Program	3	233	09-30-15
Massachusetts	State Program	1	M-FL094	06-30-15
Michigan	State Program	5	9912	06-30-15
New Jersey	NELAP	2	FL006	06-30-15
North Carolina (WW/SW)	State Program	4	314	12-31-15
Oklahoma	State Program	6	9810	08-31-15
Pennsylvania	NELAP	3	68-00467	01-31-16
Rhode Island	State Program	1	LAO00307	12-30-15
South Carolina	State Program	4	96026	06-30-15
Tennessee	State Program	4	TN02907	06-30-15
Texas	NELAP	6	T104704286-12-5	09-30-15
USDA	Federal		P330-13-00193	07-01-16
Virginia	NELAP	3	460166	06-14-16
West Virginia DEP	State Program	3	136	06-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: MWH Americas Inc
Project/Site: NM- GW Pits, State Gas Com N#1

TestAmerica Job ID: 400-106331-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

400-106331 SERIAL NUMBER: 80224

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001
Fax: 850-478-2671
Website: www.testamericainc.com

QUOTE NO.: | BOTTLE ORDER NO.: | ORDER - LOG-IN NO.: C

CLIENT: MWH | ADDRESS: 1560 Broadway Suite 1800 Denver, Co | PAGE: 1 OF: 2

PROJECT NAME: NM-GW Pits State Gas Com N#1 | PROJECT NO.: | CLIENT PROJECT MANAGER: Steve Varsa | PROJECT LOC. (STATE): NM

SAMPLED BY: Chris Lee / Sarah Gardner | CONTRACT / P.O. NO.: 40005479

CLIENT PHONE: 303 291-2239 | CLIENT E-MAIL OR FAX: sarah.gardner@mwhglobal.com

TAT REQUESTED: RUSH NEEDS LAB PREAPPROVAL ☐ NORMAL ☒ 10 BUSINESS DAYS
☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ 5 DAYS ☐ 20 DAYS (Package) ☐ OTHER:

SAMPLE DISPOSAL: ☐ RETURN TO CLIENT ☒ DISPOSAL BY LAB
☐ SEE CONTRACT ☐ OTHER:

REQUESTED ANALYSIS

POSSIBLE HAZARD IDENTIFICATION
☒ NON-HAZARD
△ FLAMMABLE
△ RADIOACTIVE
△ POISON B
△ UNKNOWN
△ OTHER:

400-106331 COC

NO. OF COOLERS PER SHIPMENT:

LAB USE ONLY - SAMPLE NUMBER

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION		PRESERVATIVE: No Preservative	HCL - Hydrochloric Acid	HNO3 - Nitric Acid	H2SO4 - Sulfuric Acid or H3PO4	NAOH - Sodium Hydroxide	CH3OH - Methanol	NAHSO4 - Sodium Bisulfate	NA2S2O3 - Sodium Thiosulfate	Other:	MATRIX: Drinking Water	Aqueous GW, SW, WW	Solid, Semisolid, Sediment	Air	NonAqueous (Oil, Solvent, etc.)	NUMBER OF CONTAINERS SUBMITTED: 8021 - BTEX	SPECIAL INSTRUCTIONS/ CONDITIONS OF RECEIPT
5/27/15	1325	State Gas Com N#1	MW-1	X										X				2	Unpreserved
5/27/15	1320		MW-2	X										X				2	Unpreserved
5/27/15	1310		MW-3	X										X				2	Unpreserved
5/27/15	1330		MW-4	X										X				2	Unpreserved
~~5/27/15~~	~~1245~~		~~MW-5~~																Not Sampled
5/27/15	1135		MW-6		X									X				2	
5/27/15	1100		MW-9		X									X				2	
~~5/27/15~~	~~1355~~		~~MW-10~~																Not Sampled
~~5/27/15~~	~~1350~~		~~MW-11~~																Not Sampled
5/27/15	1235		MW-12		X									X				2	
5/27/15	1225		MW-13		X									X				2	
5/27/15	1125		MW-14		X									X				2	
5/27/15	1115		MW-15		X									X				2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			[signature]	5/27/15	1630			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY:	DATE	TIME	CUSTODY INTACT?	CUSTODY SEAL NO.	REMARKS:
[signature]	5/30/15	0913	△ YES △ NO		IR6 0.6°C

TAL-8251 (1207)

400-106331 SERIAL NUMBER: 80225

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001
Fax: 850-478-2671
Website: www.testamericainc.com

QUOTE NO.:
BOTTLE ORDER NO.:
ORDER - LOG-IN NO.: C

CLIENT: MWH
ADDRESS: 1560 Broadway Suite 1800 Denver CO 80202
PAGE: 2 OF: 2

PROJECT NAME: NM-GW Pits State Gas Com N #1
PROJECT NO.: 40005479
CLIENT PROJECT MANAGER: Steve Varsa
PROJECT LOC. (STATE): NM

SAMPLED BY: Chris Lee / Sarah Gardner
CONTRACT / P.O. NO.:
CLIENT PHONE: 303 291 2239
CLIENT E-MAIL OR FAX: sarah.gardner@mwhglobal.com

TAT REQUESTED: RUSH NEEDS LAB PREAPPROVAL ☐ NORMAL 10 BUSINESS DAYS
☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ 5 DAYS ☐ 20 DAYS (Package) ☐ OTHER:

SAMPLE DISPOSAL: ☐ RETURN TO CLIENT ☐ DISPOSAL BY LAB
☐ SEE CONTRACT ☐ OTHER:

REQUESTED ANALYSIS: 8021B - BTEX

POSSIBLE HAZARD IDENTIFICATION
X NON-HAZARD
Δ FLAMMABLE
Δ RADIOACTIVE
Δ POISON B
Δ UNKNOWN
Δ OTHER:

NO. OF COOLERS PER SHIPMENT:

LAB USE ONLY - SAMPLE NUMBER

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	PRESERVATIVE: No Preservative	HCL - Hydrochloric Acid	HNO3 - Nitric Acid	H2SO4 - Sulfuric Acid or H3PO4	NAOH - Sodium Hydroxide	CH3OH - Methanol	NAHSO4 - Sodium Bisulfate	NA2S2O3 - Sodium Thiosulfate	Other:	MATRIX: Drinking Water	Aqueous GW, SW, WW	Solid, Semisolid, Sediment	Air	NonAqueous (Oil, Solvent, etc.)	NUMBER OF CONTAINERS SUBMITTED	SPECIAL INSTRUCTIONS/ CONDITIONS OF RECEIPT
5/27/15	1150	State Gas Com N #1 MW-16		X									X				2	
5/27/15	1250	MW-17		X									X				2	
5/27/15	1340	MW-18		X									X				2	
5/27/15	1200	MW-19		X									X				2	
5/27/15	1400	↓ Trip Blank		X									X				2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				5/27/15	1630			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY:	DATE	TIME	CUSTODY INTACT?	CUSTODY SEAL NO.	REMARKS:
	5/28/15	0913	Δ YES Δ NO		IR6 0.6°C

TAL-8251 (1207)

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 400-106331-1

Login Number: 106331
List Number: 1
Creator: Crawford, Lauren E

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.6°C IR-6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

TestAmerica Job ID: 400-114294-1
Client Project/Site: State Gas Com N #1

For:
MWH Americas Inc
1560 Broadway
Suite 1800
Denver, Colorado 80202

Attn: Ms. Sarah Gardner

Authorized for release by:
12/8/2015 7:18:01 PM

Marty Edwards, Manager of Project Management
(850)474-1001
marty.edwards@testamericainc.com

Table of Contents

Definitions/Glossary

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 400-114294-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-114294-1

Comments
No additional comments.

Receipt
The samples were received on 11/24/2015 8:47 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 5 coolers at receipt time were 0.4º C, 0.8º C, 0.9º C, 0.9º C and 1.1º C.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-1 — Lab Sample ID: 400-114294-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	13000		100		ug/L	100		8021B	Total/NA
Ethylbenzene	700		100		ug/L	100		8021B	Total/NA
Toluene	6800		500		ug/L	100		8021B	Total/NA
Xylenes, Total	6500		500		ug/L	100		8021B	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 400-114294-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	17000		250		ug/L	250		8021B	Total/NA
Ethylbenzene	680		250		ug/L	250		8021B	Total/NA
Toluene	1900		1300		ug/L	250		8021B	Total/NA
Xylenes, Total	7200		1300		ug/L	250		8021B	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 400-114294-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	54000		1000		ug/L	1000		8021B	Total/NA
Ethylbenzene	17000		1000		ug/L	1000		8021B	Total/NA
Xylenes, Total	66000		5000		ug/L	1000		8021B	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 400-114294-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	21000		100		ug/L	100		8021B	Total/NA
Ethylbenzene	670		100		ug/L	100		8021B	Total/NA
Toluene	13000		500		ug/L	100		8021B	Total/NA
Xylenes, Total	8800		500		ug/L	100		8021B	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 400-114294-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	6100		100		ug/L	100		8021B	Total/NA
Ethylbenzene	950		100		ug/L	100		8021B	Total/NA
Toluene	11000		500		ug/L	100		8021B	Total/NA
Xylenes, Total	8200		500		ug/L	100		8021B	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 400-114294-6

No Detections.

Client Sample ID: MW-12 — Lab Sample ID: 400-114294-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	42		1.0		ug/L	1		8021B	Total/NA
Ethylbenzene	11		1.0		ug/L	1		8021B	Total/NA
Xylenes, Total	9.5		5.0		ug/L	1		8021B	Total/NA

Client Sample ID: MW-13 — Lab Sample ID: 400-114294-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	260		1.0		ug/L	1		8021B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Client Sample ID: MW-13 (Continued) — Lab Sample ID: 400-114294-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	33		1.0		ug/L	1		8021B	Total/NA
Toluene	9.6		5.0		ug/L	1		8021B	Total/NA
Xylenes, Total	38		5.0		ug/L	1		8021B	Total/NA

Client Sample ID: MW-14 — Lab Sample ID: 400-114294-9

No Detections.

Client Sample ID: MW-15 — Lab Sample ID: 400-114294-10

No Detections.

Client Sample ID: MW-16 — Lab Sample ID: 400-114294-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	190		1.0		ug/L	1		8021B	Total/NA
Ethylbenzene	4.1		1.0		ug/L	1		8021B	Total/NA
Toluene	9.9		5.0		ug/L	1		8021B	Total/NA
Xylenes, Total	96		5.0		ug/L	1		8021B	Total/NA

Client Sample ID: MW-17 — Lab Sample ID: 400-114294-12

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	9.9		1.0		ug/L	1		8021B	Total/NA
Ethylbenzene	15		1.0		ug/L	1		8021B	Total/NA

Client Sample ID: MW-18 — Lab Sample ID: 400-114294-13

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	470		2.0		ug/L	2		8021B	Total/NA
Ethylbenzene	100		2.0		ug/L	2		8021B	Total/NA
Xylenes, Total	11		10		ug/L	2		8021B	Total/NA

Client Sample ID: MW-19 — Lab Sample ID: 400-114294-14

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	12000		50		ug/L	50		8021B	Total/NA
Ethylbenzene	470		50		ug/L	50		8021B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 400-114294-15

No Detections.

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-114294-1	MW-1	Water	11/22/15 12:50	11/24/15 08:47
400-114294-2	MW-2	Water	11/22/15 12:35	11/24/15 08:47
400-114294-3	MW-3	Water	11/22/15 12:15	11/24/15 08:47
400-114294-4	MW-4	Water	11/22/15 12:30	11/24/15 08:47
400-114294-5	MW-6	Water	11/22/15 11:00	11/24/15 08:47
400-114294-6	MW-9	Water	11/22/15 10:35	11/24/15 08:47
400-114294-7	MW-12	Water	11/22/15 11:50	11/24/15 08:47
400-114294-8	MW-13	Water	11/22/15 11:10	11/24/15 08:47
400-114294-9	MW-14	Water	11/22/15 10:40	11/24/15 08:47
400-114294-10	MW-15	Water	11/22/15 10:50	11/24/15 08:47
400-114294-11	MW-16	Water	11/22/15 11:35	11/24/15 08:47
400-114294-12	MW-17	Water	11/22/15 12:05	11/24/15 08:47
400-114294-13	MW-18	Water	11/22/15 13:00	11/24/15 08:47
400-114294-14	MW-19	Water	11/22/15 11:15	11/24/15 08:47
400-114294-15	TRIP BLANK	Water	11/22/15 10:30	11/24/15 08:47

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-1
Date Collected: 11/22/15 12:50
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-1
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	13000		100		ug/L			11/25/15 03:10	100
Ethylbenzene	700		100		ug/L			11/25/15 03:10	100
Toluene	6800		500		ug/L			11/25/15 03:10	100
Xylenes, Total	6500		500		ug/L			11/25/15 03:10	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*97*		*78 - 124*		*11/25/15 03:10*	*100*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-2
Date Collected: 11/22/15 12:35
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-2
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	17000		250		ug/L			11/25/15 03:41	250
Ethylbenzene	680		250		ug/L			11/25/15 03:41	250
Toluene	1900		1300		ug/L			11/25/15 03:41	250
Xylenes, Total	7200		1300		ug/L			11/25/15 03:41	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*98*		*78 - 124*		*11/25/15 03:41*	*250*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-3
Date Collected: 11/22/15 12:15
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-3
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**54000**		1000		ug/L			11/25/15 04:13	1000
Ethylbenzene	**17000**		1000		ug/L			11/25/15 04:13	1000
Toluene	<5000		5000		ug/L			11/25/15 04:13	1000
Xylenes, Total	**66000**		5000		ug/L			11/25/15 04:13	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*98*		*78 - 124*		*11/25/15 04:13*	*1000*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-4
Date Collected: 11/22/15 12:30
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-4
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	21000		100		ug/L			11/25/15 04:44	100
Ethylbenzene	670		100		ug/L			11/25/15 04:44	100
Toluene	13000		500		ug/L			11/25/15 04:44	100
Xylenes, Total	8800		500		ug/L			11/25/15 04:44	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*98*		*78 - 124*		*11/25/15 04:44*	*100*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-6
Date Collected: 11/22/15 11:00
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-5
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6100		100		ug/L			11/25/15 12:39	100
Ethylbenzene	950		100		ug/L			11/25/15 12:39	100
Toluene	11000		500		ug/L			11/25/15 12:39	100
Xylenes, Total	8200		500		ug/L			11/25/15 12:39	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*97*		*78 - 124*		*11/25/15 12:39*	*100*

Client Sample Results

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-9
Date Collected: 11/22/15 10:35
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-6
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			12/03/15 21:11	1
Ethylbenzene	<1.0		1.0		ug/L			12/03/15 21:11	1
Toluene	<5.0		5.0		ug/L			12/03/15 21:11	1
Xylenes, Total	<5.0		5.0		ug/L			12/03/15 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*86*		*78 - 124*		*12/03/15 21:11*	*1*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-12
Date Collected: 11/22/15 11:50
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-7
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**42**		1.0		ug/L			12/03/15 21:46	1
Ethylbenzene	**11**		1.0		ug/L			12/03/15 21:46	1
Toluene	<5.0		5.0		ug/L			12/03/15 21:46	1
Xylenes, Total	**9.5**		5.0		ug/L			12/03/15 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*89*		*78 - 124*		*12/03/15 21:46*	*1*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-13
Date Collected: 11/22/15 11:10
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-8
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	260		1.0		ug/L			12/03/15 22:20	1
Ethylbenzene	33		1.0		ug/L			12/03/15 22:20	1
Toluene	9.6		5.0		ug/L			12/03/15 22:20	1
Xylenes, Total	38		5.0		ug/L			12/03/15 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*89*		*78 - 124*		*12/03/15 22:20*	*1*

Client Sample ID: MW-14
Date Collected: 11/22/15 10:40
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-9
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			12/03/15 22:55	1
Ethylbenzene	<1.0		1.0		ug/L			12/03/15 22:55	1
Toluene	<5.0		5.0		ug/L			12/03/15 22:55	1
Xylenes, Total	<5.0		5.0		ug/L			12/03/15 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*85*		*78 - 124*		*12/03/15 22:55*	*1*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-15
Date Collected: 11/22/15 10:50
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-10
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			12/03/15 23:29	1
Ethylbenzene	<1.0		1.0		ug/L			12/03/15 23:29	1
Toluene	<5.0		5.0		ug/L			12/03/15 23:29	1
Xylenes, Total	<5.0		5.0		ug/L			12/03/15 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*83*		*78 - 124*		*12/03/15 23:29*	*1*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-16
Date Collected: 11/22/15 11:35
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-11
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	190		1.0		ug/L			12/04/15 00:03	1
Ethylbenzene	4.1		1.0		ug/L			12/04/15 00:03	1
Toluene	9.9		5.0		ug/L			12/04/15 00:03	1
Xylenes, Total	96		5.0		ug/L			12/04/15 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*90*		*78 - 124*		*12/04/15 00:03*	*1*

Client Sample ID: MW-17

Date Collected: 11/22/15 12:05
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-12

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**9.9**		1.0		ug/L			12/04/15 01:12	1
Ethylbenzene	**15**		1.0		ug/L			12/04/15 01:12	1
Toluene	<5.0		5.0		ug/L			12/04/15 01:12	1
Xylenes, Total	<5.0		5.0		ug/L			12/04/15 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*88*		*78 - 124*		*12/04/15 01:12*	*1*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-18
Date Collected: 11/22/15 13:00
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-13
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**470**		2.0		ug/L			12/04/15 01:47	2
Ethylbenzene	**100**		2.0		ug/L			12/04/15 01:47	2
Toluene	<10		10		ug/L			12/04/15 01:47	2
Xylenes, Total	**11**		10		ug/L			12/04/15 01:47	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*87*		*78 - 124*		*12/04/15 01:47*	*2*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-19
Date Collected: 11/22/15 11:15
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-14
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**12000**		50		ug/L			11/25/15 13:10	50
Ethylbenzene	**470**		50		ug/L			11/25/15 13:10	50
Toluene	<250		250		ug/L			11/25/15 13:10	50
Xylenes, Total	<250		250		ug/L			11/25/15 13:10	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*103*		*78 - 124*		*11/25/15 13:10*	*50*

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: TRIP BLANK
Date Collected: 11/22/15 10:30
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-15
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			12/04/15 02:21	1
Ethylbenzene	<1.0		1.0		ug/L			12/04/15 02:21	1
Toluene	<5.0		5.0		ug/L			12/04/15 02:21	1
Xylenes, Total	<5.0		5.0		ug/L			12/04/15 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*85*		*78 - 124*		*12/04/15 02:21*	*1*

QC Association Summary

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

GC VOA

Analysis Batch: 284856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-113830-A-1 MS	Matrix Spike	Total/NA	Water	8021B	
400-113830-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	
400-114294-1	MW-1	Total/NA	Water	8021B	
400-114294-2	MW-2	Total/NA	Water	8021B	
400-114294-3	MW-3	Total/NA	Water	8021B	
400-114294-4	MW-4	Total/NA	Water	8021B	
400-114294-5	MW-6	Total/NA	Water	8021B	
400-114294-14	MW-19	Total/NA	Water	8021B	
LCS 400-284856/1002	Lab Control Sample	Total/NA	Water	8021B	
MB 400-284856/3	Method Blank	Total/NA	Water	8021B	

Analysis Batch: 285834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-114294-6	MW-9	Total/NA	Water	8021B	
400-114294-7	MW-12	Total/NA	Water	8021B	
400-114294-8	MW-13	Total/NA	Water	8021B	
400-114294-9	MW-14	Total/NA	Water	8021B	
400-114294-10	MW-15	Total/NA	Water	8021B	
400-114294-11	MW-16	Total/NA	Water	8021B	
400-114294-12	MW-17	Total/NA	Water	8021B	
400-114294-13	MW-18	Total/NA	Water	8021B	
400-114294-15	TRIP BLANK	Total/NA	Water	8021B	
400-114400-A-3 MS	Matrix Spike	Total/NA	Water	8021B	
400-114400-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	
LCS 400-285834/1002	Lab Control Sample	Total/NA	Water	8021B	
MB 400-285834/4	Method Blank	Total/NA	Water	8021B	

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 400-284856/3
Matrix: Water
Analysis Batch: 284856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/24/15 20:19	1
Ethylbenzene	<1.0		1.0		ug/L			11/24/15 20:19	1
Toluene	<5.0		5.0		ug/L			11/24/15 20:19	1
Xylenes, Total	<5.0		5.0		ug/L			11/24/15 20:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*95*		*78 - 124*		*11/24/15 20:19*	*1*

Lab Sample ID: LCS 400-284856/1002
Matrix: Water
Analysis Batch: 284856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	49.7		ug/L		99	85 - 115		
Ethylbenzene			50.0	50.5		ug/L		101	85 - 115		
Toluene			50.0	49.8		ug/L		100	85 - 115		
Xylenes, Total			150	150		ug/L		100	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*98*		*78 - 124*

Lab Sample ID: 400-113830-A-1 MS
Matrix: Water
Analysis Batch: 284856

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<1.0		50.0	55.5		ug/L		111	44 - 150		
Ethylbenzene	<1.0		50.0	56.6		ug/L		113	70 - 142		
Toluene	<5.0		50.0	55.6		ug/L		111	69 - 136		
Xylenes, Total	<5.0		150	168		ug/L		112	68 - 142		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*96*		*78 - 124*

Lab Sample ID: 400-113830-A-1 MSD
Matrix: Water
Analysis Batch: 284856

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	55.5		ug/L		111	44 - 150	0	16
Ethylbenzene	<1.0		50.0	55.0		ug/L		110	70 - 142	3	16
Toluene	<5.0		50.0	54.9		ug/L		110	69 - 136	1	16
Xylenes, Total	<5.0		150	163		ug/L		109	68 - 142	3	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*96*		*78 - 124*

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 400-285834/4
Matrix: Water
Analysis Batch: 285834

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			12/03/15 13:10	1
Ethylbenzene	<1.0		1.0		ug/L			12/03/15 13:10	1
Toluene	<5.0		5.0		ug/L			12/03/15 13:10	1
Xylenes, Total	<5.0		5.0		ug/L			12/03/15 13:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*83*		*78 - 124*		*12/03/15 13:10*	*1*

Lab Sample ID: LCS 400-285834/1002
Matrix: Water
Analysis Batch: 285834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	55.8		ug/L		112	85 - 115		
Ethylbenzene			50.0	54.0		ug/L		108	85 - 115		
Toluene			50.0	51.5		ug/L		103	85 - 115		
Xylenes, Total			150	163		ug/L		109	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*87*		*78 - 124*

Lab Sample ID: 400-114400-A-3 MS
Matrix: Water
Analysis Batch: 285834

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	55		50.0	107		ug/L		104	44 - 150		
Ethylbenzene	16		50.0	68.4		ug/L		105	70 - 142		
Toluene	62		50.0	110		ug/L		96	69 - 136		
Xylenes, Total	140		150	294		ug/L		101	68 - 142		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*78*		*78 - 124*

Lab Sample ID: 400-114400-A-3 MSD
Matrix: Water
Analysis Batch: 285834

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	55		50.0	101		ug/L		94	44 - 150	5	16
Ethylbenzene	16		50.0	68.9		ug/L		106	70 - 142	1	16
Toluene	62		50.0	110		ug/L		97	69 - 136	0	16
Xylenes, Total	140		150	295		ug/L		102	68 - 142	0	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*78*		*78 - 124*

Lab Chronicle

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-1
Date Collected: 11/22/15 12:50
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		100	5 mL	5 mL	284856	11/25/15 03:10	SRK	TAL PEN
	Instrument ID: CH_PAULA									

Client Sample ID: MW-2
Date Collected: 11/22/15 12:35
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		250	5 mL	5 mL	284856	11/25/15 03:41	SRK	TAL PEN
	Instrument ID: CH_PAULA									

Client Sample ID: MW-3
Date Collected: 11/22/15 12:15
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1000	5 mL	5 mL	284856	11/25/15 04:13	SRK	TAL PEN
	Instrument ID: CH_PAULA									

Client Sample ID: MW-4
Date Collected: 11/22/15 12:30
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		100	5 mL	5 mL	284856	11/25/15 04:44	SRK	TAL PEN
	Instrument ID: CH_PAULA									

Client Sample ID: MW-6
Date Collected: 11/22/15 11:00
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		100	5 mL	5 mL	284856	11/25/15 12:39	SRK	TAL PEN
	Instrument ID: CH_PAULA									

Client Sample ID: MW-9
Date Collected: 11/22/15 10:35
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	285834	12/03/15 21:11	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Lab Chronicle

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-12
Date Collected: 11/22/15 11:50
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	285834	12/03/15 21:46	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-13
Date Collected: 11/22/15 11:10
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	285834	12/03/15 22:20	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-14
Date Collected: 11/22/15 10:40
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	285834	12/03/15 22:55	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-15
Date Collected: 11/22/15 10:50
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	285834	12/03/15 23:29	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-16
Date Collected: 11/22/15 11:35
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	285834	12/04/15 00:03	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-17
Date Collected: 11/22/15 12:05
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	285834	12/04/15 01:12	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Lab Chronicle

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Client Sample ID: MW-18

Date Collected: 11/22/15 13:00
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		2	5 mL	5 mL	285834	12/04/15 01:47	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-19

Date Collected: 11/22/15 11:15
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		50	5 mL	5 mL	284856	11/25/15 13:10	SRK	TAL PEN
	Instrument ID: CH_PAULA									

Client Sample ID: TRIP BLANK

Date Collected: 11/22/15 10:30
Date Received: 11/24/15 08:47

Lab Sample ID: 400-114294-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	285834	12/04/15 02:21	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Certification Summary

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Laboratory: TestAmerica Pensacola

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	12-31-15 *
Arizona	State Program	9	AZ0710	01-11-16
Arkansas DEQ	State Program	6	88-0689	09-01-16
Florida	NELAP	4	E81010	06-30-16
Georgia	State Program	4	N/A	06-30-16
Illinois	NELAP	5	200041	10-09-16
Iowa	State Program	7	367	07-31-16
Kansas	NELAP	7	E-10253	01-31-16 *
Kentucky (UST)	State Program	4	53	06-30-16
Kentucky (WW)	State Program	4	98030	12-31-15
Louisiana	NELAP	6	30976	06-30-16
Maryland	State Program	3	233	09-30-16
Massachusetts	State Program	1	M-FL094	06-30-16
Michigan	State Program	5	9912	06-30-16
New Jersey	NELAP	2	FL006	06-30-16
North Carolina (WW/SW)	State Program	4	314	12-31-15
Oklahoma	State Program	6	9810	08-31-16
Pennsylvania	NELAP	3	68-00467	01-31-16
Rhode Island	State Program	1	LAO00307	12-30-15
South Carolina	State Program	4	96026	06-30-16
Tennessee	State Program	4	TN02907	06-30-16
Texas	NELAP	6	T104704286-15-9	09-30-16
USDA	Federal		P330-13-00193	07-01-16
Virginia	NELAP	3	460166	06-14-16
West Virginia DEP	State Program	3	136	06-30-16

* Certification renewal pending - certification considered valid.

Method Summary

Client: MWH Americas Inc
Project/Site: State Gas Com N #1

TestAmerica Job ID: 400-114294-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

400-114294 COC

Client Information	Sampler: Sarah Gardner & Chris Lee	Lab PM: Edwards, Marty P	Carrier Tr:
Client Contact: Ms. Sarah Gardner	Phone: 303 291 2239	E-Mail: marty.edwards@testamericainc.com	COC No: 400-50165-21714.1
Company: MWH Americas Inc			Page: Page 1 of 2
Address: 1560 Broadway Suite 1600	Due Date Requested:	Analysis Requested	Job #:
City: Denver	TAT Requested (days): Standard		Preservation Codes:
State, Zip: CO, 80202	PO #: Purchase Order Requested		A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
Phone: 303-291-2239(Tel)	WO #:		
Email: sarah.gardner@mwhglobal.com			Other:
Project Name: State Gas Com N #1	Project #: 40005479		
Site: State Gas Com N #1	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	8021B - BTEX 0021				Special Instructions/Note:
				Water		X	X	X	Se
MW-1	11/22/2015	1250	G	Water	N	N	2		Unpreserved
MW-2	11/22/2015	1235	G	Water	N	N	2		Unpreserved
MW-3	11/22/2015	1215	G	Water	N	N	2		Unpreserved
MW-4	11/22/2015	1230	G	Water	N	N	2		Unpreserved
~~MW-5~~		~~1200~~		~~Water~~					~~Not SAMPLED~~
MW-6	11/22/2015	1100	G	Water	N	N	2		
MW-9	11/22/2015	1035	G	Water	N	N	2		
MW-12	11/22/2015	1150	G	Water	N	N	2		
MW-13	11/22/2015	1110	G	Water	N	N	2		
MW-14	11/22/2015	1040	G	Water	N	N	2		

Possible Hazard Identification
[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown [ ] Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] Return To Client [X] Disposal By Lab [ ] Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: Sarah Gardner	Date/Time: 11/23/2015 800	Company: MWH	Received by:		Date/Time:		Company
Relinquished by:	Date/Time:	Company	Received by:		Date/Time:		Company
Relinquished by:	Date/Time:	Company	Received by: Maddie Edwards		Date/Time: 11/24/15 0847		Company
Custody Seals Intact: [ ] Yes [ ] No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: For Rachel Menchel 12/01/2015				

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Sarah Gardner & Chris Lee	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-50165-21714.2
Client Contact: Ms. Sarah Gardner	Phone: 303 291 2239	E-Mail: marty.edwards@testamericainc.com		Page: Page 2 of 2
Company: MWH Americas Inc		Analysis Requested		Job #:
Address: 1560 Broadway Suite 1800	Due Date Requested:			Preservation Codes:
City: Denver	TAT Requested (days): Standard			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: CO, 80202	PO #: Purchase Order Requested			
Phone: 303-291-2239(Tel)	WO #:			Other:
Email: sarah.gardner@mwhglobal.com	Project #: 40005479			
Project Name: State Gas Com N #1	SSOW#:			
Site: State Gas Com N #1				

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	8021B - BTEX 8021					Special Instructions/Note:
				Water		X	X	X		SG
MW-15	11/22/15	1050	G	Water	N	N	2			
MW-16	11/22/2015	1135	G	Water	N	N	2			
MW-17	11/22/2015	1205	G	Water	N	N	2			
MW-18	11/22/2015	1300	G	Water	N	N	2			
MW-19	11/22/2015	1115	G	Water	N	N	2			Unpreserved
TRIP BLANK	11/22/2015	1030		Water	N	N	2			

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	11/23/2015 800	MWH			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 11/24/15 0847	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: KG 1.1/0.9/0.8/0.4/0.9

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 400-114294-1

Login Number: 114294
List Number: 1
Creator: Menoher, Rachel C

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1/0.9/0.8/0.4/0.9°C IR 6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	