2016 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 since 1997, and was observed and recovered at the Site in 2016. Currently, groundwater sampling is conducted on a semi-annual basis.

GROUNDWATER SAMPLING ACTIVITIES

Groundwater monitoring and sampling was completed on April 15 and October 11, 2016. During each sampling event, water levels were gauged from monitoring wells MW-1, through MW-6, and MW-9, through MW-19. Groundwater samples were collected from monitoring wells MW-1, MW-4, MW-6, MW-9, MW-16, MW-18, and MW-19 in April 2016 and monitoring wells MW-1, MW-4, MW-6, MW-9, MW-13, MW-14, MW-15, MW-16, MW-18, and MW-19 in October 2016.

Groundwater samples were collected from selected monitoring wells using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. Groundwater samples were not collected from MW-3, MW-5, and MW-11 in 2016 due to the presence of free product. The HydraSleeves were set during the previous sampling event approximately 0.5 foot above termination depth of the monitoring wells 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.

FREE PRODUCT RECOVERY ACTIVITIES

Free product was observed in MW-3, MW-5, and MW-11 in 2016, and recovered via hand-bailing methods. A total of 0.89 gallons of product was recovered from MW-3, 0.18 gallons of product was recovered from MW-5, and 0.61 gallons of product was recovered from MW-11.

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). Monthly free product recovery data is summarized in Table 3.

SITE MAPS

Groundwater analytical results (Figures 1 and 3) and groundwater elevation contour maps (Figures 2 and 4) summarize results of the 2016 groundwater sampling and gauging events.

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-3, MW-5, and MW-11 in 2016. No samples were collected from these wells.

- Groundwater samples collected in 2016 from MW-1, MW-4, MW-6, MW-13, MW-16, 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 2016 from MW-1, 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-9, MW-13, MW-14, MW-15, MW-16, MW-18, and MW-19.

- Groundwater samples collected in 2016 from MW-4 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-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-13, MW-14, MW-15, MW-16, MW-18 and MW-19.

PLANNED FUTURE ACTIVITIES

Groundwater monitoring events will be conducted on a semi-annual basis. Free product recovery activities will continue in 2017. A work plan will be submitted to the NMOCD for additional activities, if planned, for 2017. The 2017 Annual Report will be submitted in early 2018.

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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
MW-1	09/15/05	17300	10700	1560	19600

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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	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
MW-1	04/15/16	14000	5200	730	7400
MW-1	10/11/16	13000	3000	680	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
MW-2	09/15/05	13700	2770	762	8610

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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	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
MW-2	04/15/16	NS	NS	NS	NS
MW-2	10/11/16	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	12/07/95	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
MW-3	12/17/02	NS	NS	NS	NS

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NMWQCC Standards:		10	750	750	620
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
MW-3	04/15/16	NS	NS	NS	NS
MW-3	10/11/16	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-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
MW-4	12/20/06	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-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
MW-4	04/15/16	23000	14000	960	11000
MW-4	10/11/16	22000	13000	730	8800

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	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
MW-5	12/17/07	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-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
MW-5	04/15/16	NS	NS	NS	NS
MW-5	10/11/16	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
MW-6	10/31/07	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	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
MW-6	04/15/16	5700	11000	870	7600
MW-6	10/11/16	5200	7800	860	6600

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
MW-9	04/15/16	<1.0	<5.0	<1.0	<5.0
MW-9	10/11/16	<1.0	<5.0	<1.0	<5.0
MW-10	05/27/15	NS	NS	NS	NS
MW-10	11/22/15	NS	NS	NS	NS
MW-10	04/15/16	NS	NS	NS	NS
MW-10	10/11/16	NS	NS	NS	NS
MW-11	05/27/15	NS	NS	NS	NS
MW-11	11/22/15	NS	NS	NS	NS
MW-11	04/15/16	NS	NS	NS	NS
MW-11	10/11/16	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-12	04/15/16	NS	NS	NS	NS
MW-12	10/11/16	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-13	05/27/15	190	17	35	100
MW-13	11/22/15	260	9.6	33	38
MW-13	04/15/16	130	6.2	19	<5.0
MW-13	10/11/16	110	<10	14	11
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-14	04/15/16	NS	NS	NS	NS
MW-14	10/11/16	<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-15	04/15/16	NS	NS	NS	NS
MW-15	10/11/16	<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-16	04/15/16	480	17	83	390
MW-16	10/11/16	82	14	16	140
MW-17	05/27/15	88	<5.0	6.8	15
MW-17	11/22/15	9.9	<5.0	15	<5.0
MW-17	04/15/16	NS	NS	NS	NS
MW-17	10/11/16	NS	NS	NS	NS
MW-18	05/27/15	120	12	30	27
MW-18	11/22/15	470	<10	100	11
MW-18	04/15/16	110	<10	16	13
MW-18	10/11/16	840	<25	200	<25
MW-19	05/27/15	12000	<100	410	200
MW-19	11/22/15	12000	<250	470	<250
MW-19	04/15/16	8400	<50	360	<50
MW-19	10/11/16	11000	<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
MW-1	09/15/05	6122.33	74.09	ND		6048.24

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	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
MW-1	04/15/16	6122.33	73.37	ND		6048.96
MW-1	10/11/16	6122.33	70.08	ND		6052.25

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
MW-2	09/15/05	6120.93	75.38	ND		6045.55

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	12/22/05	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
MW-2	04/15/16	6120.93	76.54	ND		6044.39
MW-2	10/11/16	6120.93	76.00	ND		6044.93

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
MW-3	12/17/02	6120.42	75.85	75.81	0.04	6044.60

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	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
MW-3	04/15/16	6120.42	76.73	ND		6043.69
MW-3	10/11/16	6120.42	76.61	76.36	0.25	6043.99

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
MW-4	12/20/06	6121.10	75.70	ND		6045.40

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	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
MW-4	04/15/16	6121.10	76.67	ND		6044.43
MW-4	10/11/16	6121.10	76.30	ND		6044.80

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
MW-5	12/17/07	6117.88	74.41	ND		6043.47

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	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
MW-5	04/15/16	6117.88	75.57	75.23	0.34	6042.56
MW-5	10/11/16	6117.88	75.03	74.53	0.50	6043.22

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
MW-6	10/31/07	6113.73	72.40	72.12	0.28	6041.54

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	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
MW-6	04/15/16	6113.73	72.94	ND		6040.79
MW-6	10/11/16	6113.73	73.04	ND		6040.69

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
MW-9	04/15/16	6109.56	69.44	ND		6040.12
MW-9	10/11/16	6109.56	69.34	ND		6040.22
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-10	04/15/16	6123.78	70.62	ND		6053.16
MW-10	10/11/16	6123.78	69.85	ND		6053.93
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-11	04/15/16	6121.55	75.11	74.33	0.78	6047.03
MW-11	10/11/16	6121.55	73.79	73.66	0.13	6047.86

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-12	05/27/15	6118.17	86.28	ND		6031.89
MW-12	11/22/15	6118.17	85.20	ND		6032.97
MW-12	04/15/16	6118.17	84.49	ND		6033.68
MW-12	10/11/16	6118.17	83.46	ND		6034.71
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-13	04/15/16	6115.52	80.14	ND		6035.38
MW-13	10/11/16	6115.52	79.19	ND		6036.33
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-14	04/15/16	6111.92	71.26	ND		6040.66
MW-14	10/11/16	6111.92	71.22	ND		6040.70
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-15	04/15/16	6110.93	70.41	ND		6040.52
MW-15	10/11/16	6110.93	70.38	ND		6040.55
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-16	04/15/16	6113.78	72.69	ND		6041.09
MW-16	10/11/16	6113.78	72.84	ND		6040.94
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-17	04/15/16	6117.30	84.18	ND		6033.12
MW-17	10/11/16	6117.30	83.42	ND		6033.88
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-18	04/15/16	6121.16	77.52	ND		6043.64
MW-18	10/11/16	6121.16	77.54	ND		6043.62
MW-19	05/27/15	6115.44	73.76	ND		6041.68
MW-19	11/22/15	6115.44	73.82	ND		6041.62
MW-19	04/15/16	6115.44	73.67	ND		6041.77
MW-19	10/11/16	6115.44	73.76	ND		6041.68

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

TABLE 3

FREE PRODUCT RECOVERY

State Gas Com N#1 - San Juan County, NM

WEll Number: MW-3	Depth to Product (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	Product Bailed (gal)	Water Bailed (gal)
Date					
4/20/2016	76.7	77.1	0.4	No Recovery	No Recovery
6/16/2016	NM	NM	0.25	0.16	0.04
7/16/2016	NM	NM	0.55	0.23	0.00
8/18/2016	NM	NM	0.72	0.39	0.04
10/11/2016	76.11	76.36	0.02	0.03	0.01
11/14/2016	77.39	76.40	0.99	0.23	0.01
12/14/2016	76.35	76.47	0.12	0.08	0.01

NM= Not Measured. Measured thickness was obtained by measuring the thickness within the bailer.

TABLE 3

FREE PRODUCT RECOVERY

State Gas Com N#1 - San Juan County, NM

WEll Number: MW-5	Depth to Product (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	Product Bailed (gal)	Water Bailed (gal)
Date					
4/12/2016	75.23	75.57	0.34	0.12	0.01
5/25/2016	75.24	75.34	0.1	<0.01	0.00
6/16/2016	NM	NM	sheen	0	0.00
7/17/2016	NM	NM	0.11	0.01	0.00
8/18/2016	NM	NM	0.00	0.00	0.00
10/11/2016	74.53	74.57	0.04	0.04	0.01
11/14/2016	NM	75.25	0.00	0.00	0.00
12/14/2016	NM	74.95	0.00	0.00	0.00

NM= Not Measured. Measured thickness was obtained by measuring the thickness within the bailer.

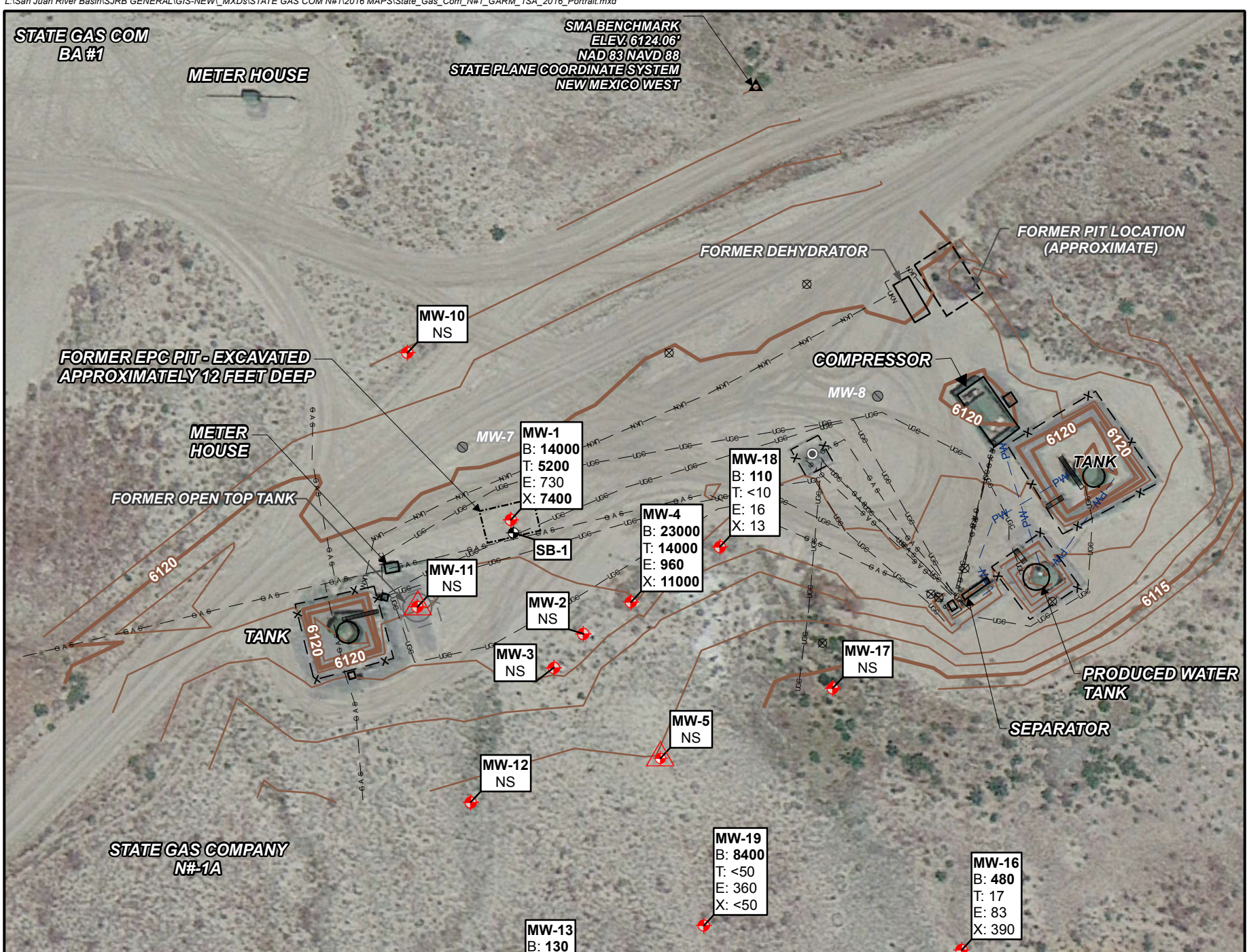
TABLE 3
FREE PRODUCT RECOVERY
State Gas Com N#1 - San Juan County, NM

WEll ID - MW-11	Depth to Product (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	Product Bailed (gal)	Water Bailed (gal)
Date					
4/12/2016	74.33	75.11	0.78	0.53	0.01
5/25/2016	74.24	74.42	0.37	0.02	0.00
6/16/2016	NM	NM	0.00	0.00	0.00
7/17/2016	NM	NM	sheen	0.00	0.00
8/18/2016	NM	NM	sheen	0.00	0.00
9/24/2016	NM	NM	sheen	0.00	0.00
10/11/2016	73.79	73.92	0.13	0.06	0.00
11/14/2016	NM	74.30	0.00	0.00	0.00
12/14/2016	NM	74.1	0.00	0.00	0.00

NM= Not Measured. Measured thickness was obtained by measuring the thickness within the bailer.

FIGURES

L:\San Juan River Basin\SJRB GENERAL\GIS-NEW_MXDs\STATE GAS COM N#1\2016 MAPS\State_Gas_Com_N#1_GARM_1SA_2016_Portrait.mxd



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
- SMA BENCHMARK
- WELLHEAD
- SOIL BORING

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
	3/17/2017	SLG	SLG	SV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
APRIL 15, 2016

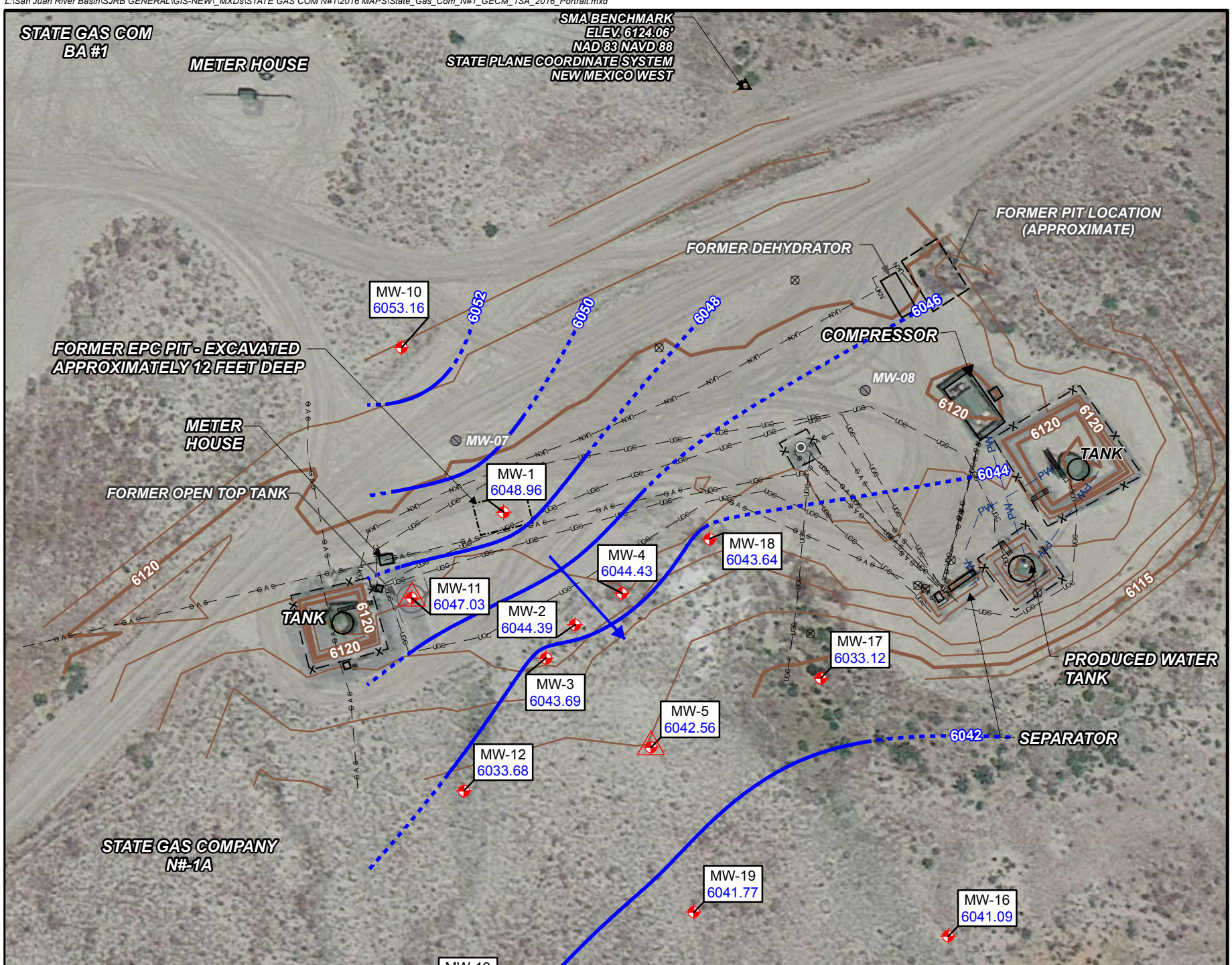
PROJECT:

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

MWH

Figure No.: 1

L:\San Juan River Basin\SJRB GENERAL\GIS-NEW_MXDs\STATE GAS COM N#1\2016 MAPS\State_Gas_Com_N#1_GECM_1SA_2016_Portrait.mxd



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
- 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
	4/29/2016	SLG	SLG	SV

TITLE:

GROUNDWATER ELEVATION MAP
APRIL 15, 2016

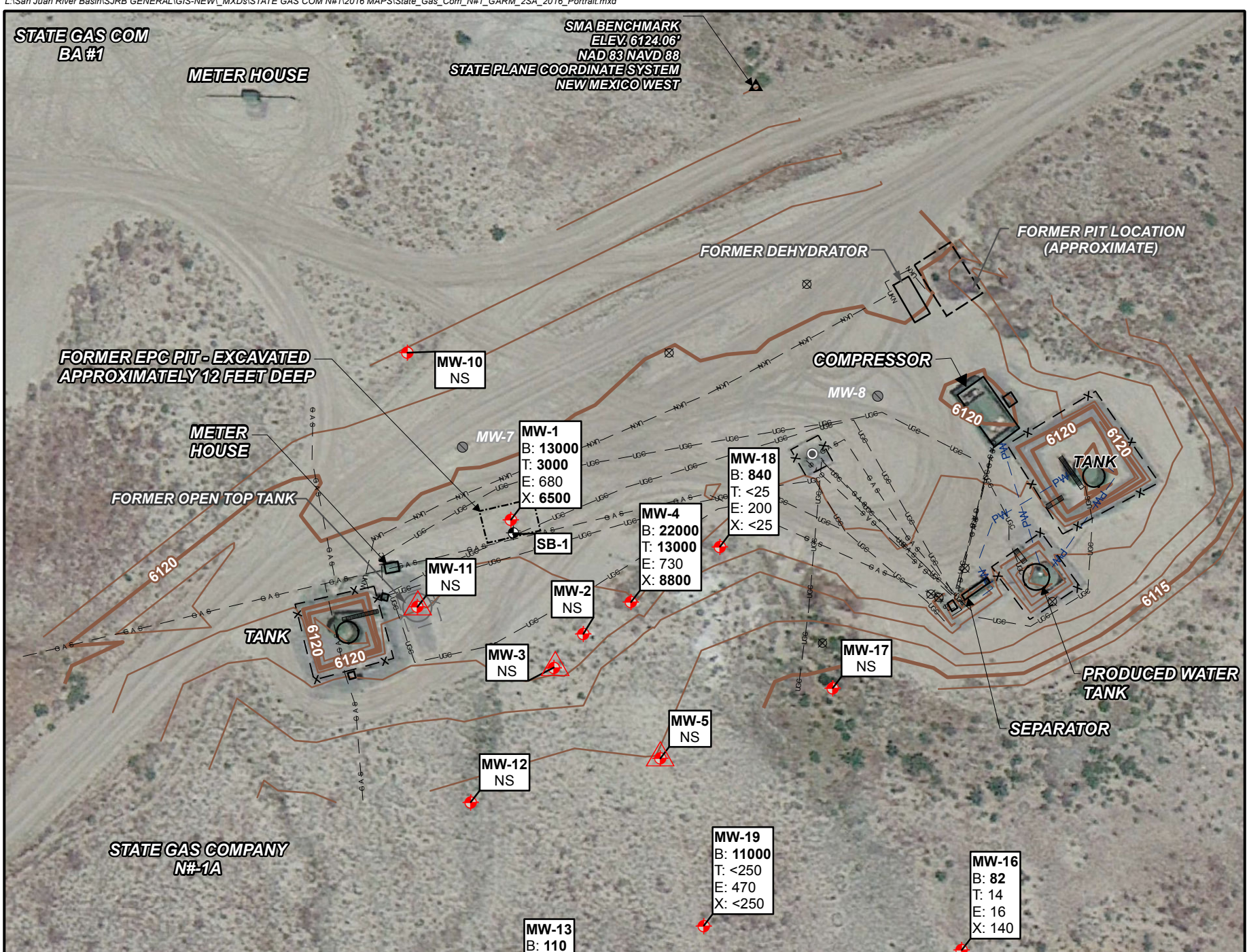
PROJECT:

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\2016 MAPS\State_Gas_Com_N#1_GARM_2SA_2016_Portrait.mxd



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
- SMA BENCHMARK
- WELLHEAD
- SOIL BORING

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
	3/17/2017	SLG	SLG	SV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
OCTOBER 11, 2016

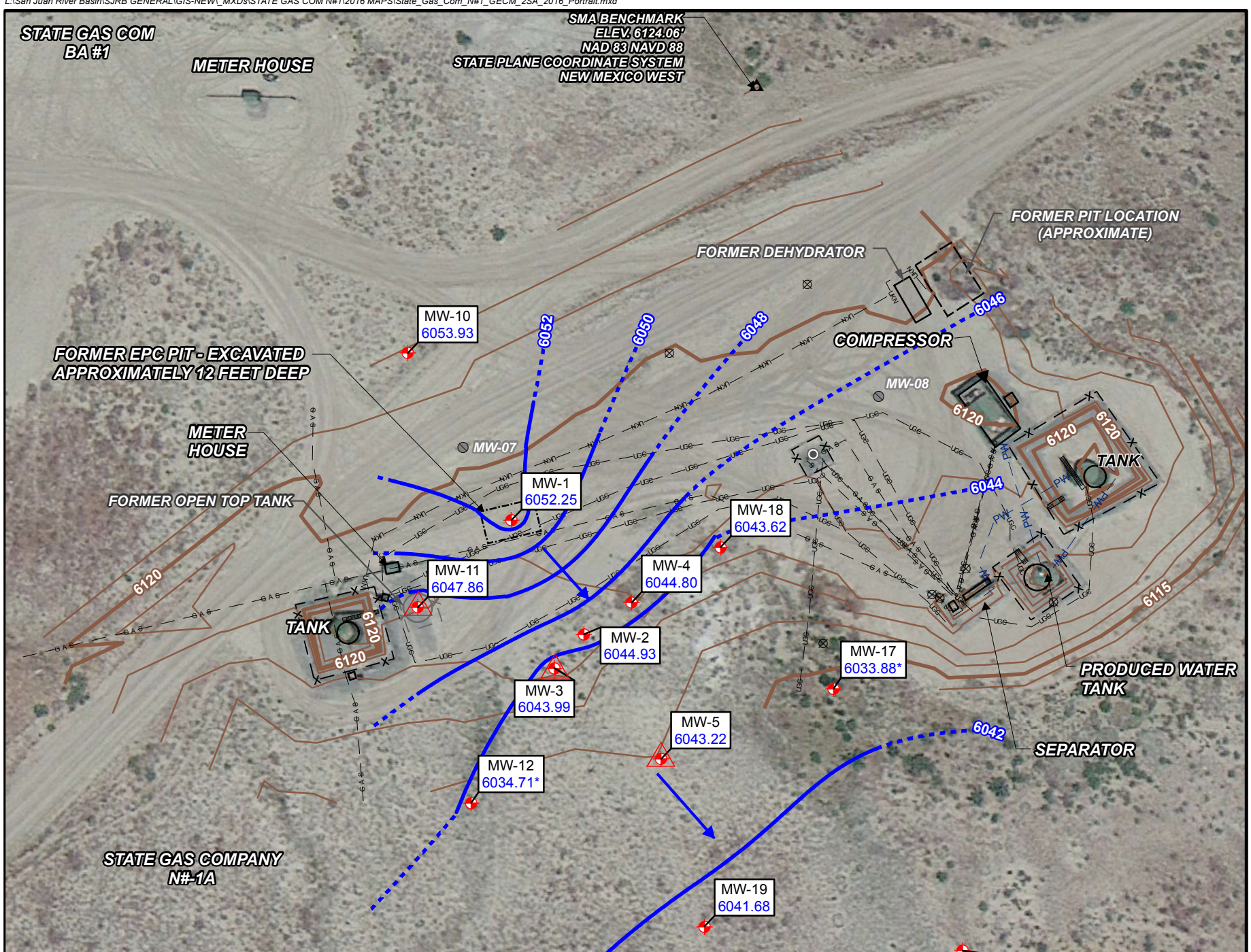
PROJECT:

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\2016 MAPS\State_Gas_Com_N#1_GECM_2SA_2016_Portrait.mxd



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
- 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
	3/17/2017	SLG	SLG	SV

TITLE:

GROUNDWATER ELEVATION MAP
OCTOBER 11, 2016

PROJECT:

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

MWH

Figure No.: **4**

APPENDIX

APPENDIX A – APRIL 29, 2016 GROUNDWATER SAMPLING ANALYTICAL REPORT
OCTOBER 26, 2016 GROUNDWATER SAMPLING ANALYTICAL REPORT

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

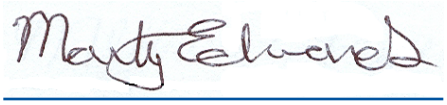
ANALYTICAL REPORT

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

TestAmerica Job ID: 400-120368-1
Client Project/Site: State Gas Com N #1

For:
MWH Americas Inc
11153 Aurora Avenue
Des Moines, Iowa 50322-7904

Attn: Steve Varsa



Authorized for release by:
4/29/2016 9:38:21 AM

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

Table of Contents

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: 400-120368-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-120368-1

Comments
No additional comments.

Receipt
The samples were received on 4/16/2016 9:09 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° 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: 400-120368-1

Client Sample ID: MW-1 — Lab Sample ID: 400-120368-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	14000		100		ug/L	100		8021B	Total/NA
Ethylbenzene	730		100		ug/L	100		8021B	Total/NA
Toluene	5200		500		ug/L	100		8021B	Total/NA
Xylenes, Total	7400		500		ug/L	100		8021B	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 400-120368-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	23000		100		ug/L	100		8021B	Total/NA
Ethylbenzene	960		50		ug/L	50		8021B	Total/NA
Toluene	14000		500		ug/L	100		8021B	Total/NA
Xylenes, Total	11000		250		ug/L	50		8021B	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 400-120368-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	5700		100		ug/L	100		8021B	Total/NA
Ethylbenzene	870		100		ug/L	100		8021B	Total/NA
Toluene	11000		500		ug/L	100		8021B	Total/NA
Xylenes, Total	7600		500		ug/L	100		8021B	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 400-120368-4

No Detections.

Client Sample ID: MW-13 — Lab Sample ID: 400-120368-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	130		1.0		ug/L	1		8021B	Total/NA
Ethylbenzene	19		1.0		ug/L	1		8021B	Total/NA
Toluene	6.2		5.0		ug/L	1		8021B	Total/NA

Client Sample ID: MW-16 — Lab Sample ID: 400-120368-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	83		2.0		ug/L	2		8021B	Total/NA
Toluene	17		10		ug/L	2		8021B	Total/NA
Xylenes, Total	390		10		ug/L	2		8021B	Total/NA
Benzene - DL	480		5.0		ug/L	5		8021B	Total/NA

Client Sample ID: MW-18 — Lab Sample ID: 400-120368-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	110		2.0		ug/L	2		8021B	Total/NA
Ethylbenzene	16		2.0		ug/L	2		8021B	Total/NA
Xylenes, Total	13		10		ug/L	2		8021B	Total/NA

Client Sample ID: MW-19 — Lab Sample ID: 400-120368-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	360		10		ug/L	10		8021B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: MW-19 (Continued) — Lab Sample ID: 400-120368-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene - DL	8400		100		ug/L	100		8021B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 400-120368-9

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: 400-120368-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-120368-1	MW-1	Water	04/15/16 08:05	04/16/16 09:09
400-120368-2	MW-4	Water	04/15/16 08:20	04/16/16 09:09
400-120368-3	MW-6	Water	04/15/16 08:30	04/16/16 09:09
400-120368-4	MW-9	Water	04/15/16 08:40	04/16/16 09:09
400-120368-5	MW-13	Water	04/15/16 08:45	04/16/16 09:09
400-120368-6	MW-16	Water	04/15/16 08:50	04/16/16 09:09
400-120368-7	MW-18	Water	04/15/16 08:55	04/16/16 09:09
400-120368-8	MW-19	Water	04/15/16 09:00	04/16/16 09:09
400-120368-9	TRIP BLANK	Water	04/15/16 00:00	04/16/16 09:09

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: MW-1
Date Collected: 04/15/16 08:05
Date Received: 04/16/16 09:09

Lab Sample ID: 400-120368-1
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14000		100		ug/L			04/19/16 16:16	100
Ethylbenzene	730		100		ug/L			04/19/16 16:16	100
Toluene	5200		500		ug/L			04/19/16 16:16	100
Xylenes, Total	7400		500		ug/L			04/19/16 16:16	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*99*		*78 - 124*		*04/19/16 16:16*	*100*

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: MW-4
Date Collected: 04/15/16 08:20
Date Received: 04/16/16 09:09

Lab Sample ID: 400-120368-2
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	23000		100		ug/L			04/19/16 16:43	100
Ethylbenzene	960		50		ug/L			04/19/16 04:31	50
Toluene	14000		500		ug/L			04/19/16 16:43	100
Xylenes, Total	11000		250		ug/L			04/19/16 04:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*97*		*78 - 124*		*04/19/16 04:31*	*50*
a,a,a-Trifluorotoluene (pid)	*96*		*78 - 124*		*04/19/16 16:43*	*100*

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: MW-6
Date Collected: 04/15/16 08:30
Date Received: 04/16/16 09:09

Lab Sample ID: 400-120368-3
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5700		100		ug/L			04/19/16 17:10	100
Ethylbenzene	870		100		ug/L			04/19/16 17:10	100
Toluene	11000		500		ug/L			04/19/16 17:10	100
Xylenes, Total	7600		500		ug/L			04/19/16 17:10	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*100*		*78 - 124*		*04/19/16 17:10*	*100*

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: MW-9
Date Collected: 04/15/16 08:40
Date Received: 04/16/16 09:09

Lab Sample ID: 400-120368-4
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			04/19/16 14:50	1
Ethylbenzene	<1.0		1.0		ug/L			04/19/16 14:50	1
Toluene	<5.0		5.0		ug/L			04/19/16 14:50	1
Xylenes, Total	<5.0		5.0		ug/L			04/19/16 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*104*		*78 - 124*		*04/19/16 14:50*	*1*

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: MW-13
Date Collected: 04/15/16 08:45
Date Received: 04/16/16 09:09

Lab Sample ID: 400-120368-5
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**130**		1.0		ug/L			04/21/16 16:46	1
Ethylbenzene	**19**		1.0		ug/L			04/21/16 16:46	1
Toluene	**6.2**		5.0		ug/L			04/21/16 16:46	1
Xylenes, Total	<5.0		5.0		ug/L			04/21/16 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*109*		*78 - 124*		*04/21/16 16:46*	*1*

Client Sample ID: MW-16
Date Collected: 04/15/16 08:50
Date Received: 04/16/16 09:09

Lab Sample ID: 400-120368-6
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	83		2.0		ug/L			04/19/16 20:21	2
Toluene	17		10		ug/L			04/19/16 20:21	2
Xylenes, Total	390		10		ug/L			04/19/16 20:21	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*108*		*78 - 124*		*04/19/16 20:21*	*2*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	480		5.0		ug/L			04/21/16 17:45	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*109*		*78 - 124*		*04/21/16 17:45*	*5*

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: MW-18
Date Collected: 04/15/16 08:55
Date Received: 04/16/16 09:09

Lab Sample ID: 400-120368-7
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**110**		2.0		ug/L			04/19/16 20:50	2
Ethylbenzene	**16**		2.0		ug/L			04/19/16 20:50	2
Toluene	<10		10		ug/L			04/19/16 20:50	2
Xylenes, Total	**13**		10		ug/L			04/19/16 20:50	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*110*		*78 - 124*		*04/19/16 20:50*	*2*

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: MW-19
Date Collected: 04/15/16 09:00
Date Received: 04/16/16 09:09

Lab Sample ID: 400-120368-8
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**360**		10		ug/L			04/19/16 19:27	10
Toluene	<50		50		ug/L			04/19/16 19:27	10
Xylenes, Total	<50		50		ug/L			04/19/16 19:27	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*107*		*78 - 124*		*04/19/16 19:27*	*10*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**8400**		100		ug/L			04/21/16 15:47	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*108*		*78 - 124*		*04/21/16 15:47*	*100*

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: TRIP BLANK
Date Collected: 04/15/16 00:00
Date Received: 04/16/16 09:09

Lab Sample ID: 400-120368-9
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			04/19/16 18:59	1
Ethylbenzene	<1.0		1.0		ug/L			04/19/16 18:59	1
Toluene	<5.0		5.0		ug/L			04/19/16 18:59	1
Xylenes, Total	<5.0		5.0		ug/L			04/19/16 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*104*		*78 - 124*		*04/19/16 18:59*	*1*

GC VOA

Analysis Batch: 302225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-119974-D-5 MS	Matrix Spike	Total/NA	Water	8021B	
400-119974-D-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	
400-120368-2	MW-4	Total/NA	Water	8021B	
LCS 400-302225/1003	Lab Control Sample	Total/NA	Water	8021B	
MB 400-302225/5	Method Blank	Total/NA	Water	8021B	

Analysis Batch: 302419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-120368-1	MW-1	Total/NA	Water	8021B	
400-120368-2	MW-4	Total/NA	Water	8021B	
400-120368-3	MW-6	Total/NA	Water	8021B	
400-120368-4	MW-9	Total/NA	Water	8021B	
400-120368-4 MS	MW-9	Total/NA	Water	8021B	
400-120368-4 MSD	MW-9	Total/NA	Water	8021B	
400-120368-6	MW-16	Total/NA	Water	8021B	
400-120368-7	MW-18	Total/NA	Water	8021B	
400-120368-8	MW-19	Total/NA	Water	8021B	
400-120368-9	TRIP BLANK	Total/NA	Water	8021B	
LCS 400-302419/1002	Lab Control Sample	Total/NA	Water	8021B	
MB 400-302419/4	Method Blank	Total/NA	Water	8021B	

Analysis Batch: 302837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-120368-5	MW-13	Total/NA	Water	8021B	
400-120368-6 - DL	MW-16	Total/NA	Water	8021B	
400-120368-8 - DL	MW-19	Total/NA	Water	8021B	
400-120371-B-2 MS	Matrix Spike	Total/NA	Water	8021B	
400-120371-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	
LCS 400-302837/1001	Lab Control Sample	Total/NA	Water	8021B	
MB 400-302837/2	Method Blank	Total/NA	Water	8021B	

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 400-302225/5
Matrix: Water
Analysis Batch: 302225

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<1.0		1.0		ug/L			04/18/16 12:51	1
Xylenes, Total	<5.0		5.0		ug/L			04/18/16 12:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*101*		*78 - 124*		*04/18/16 12:51*	*1*

Lab Sample ID: LCS 400-302225/1003
Matrix: Water
Analysis Batch: 302225

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylbenzene			50.0	51.4		ug/L		103	85 - 115		
Xylenes, Total			150	154		ug/L		103	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*101*		*78 - 124*

Lab Sample ID: 400-119974-D-5 MS
Matrix: Water
Analysis Batch: 302225

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		
Ethylbenzene	<1.0		50.0	55.3		ug/L		111	70 - 142		
Xylenes, Total	<5.0		150	169		ug/L		112	68 - 142		

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

Lab Sample ID: 400-119974-D-5 MSD
Matrix: Water
Analysis Batch: 302225

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
Ethylbenzene	<1.0		50.0	55.3		ug/L		111	70 - 142	0	16
Xylenes, Total	<5.0		150	169		ug/L		113	68 - 142	0	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*101*		*78 - 124*

Lab Sample ID: MB 400-302419/4
Matrix: Water
Analysis Batch: 302419

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			04/19/16 13:28	1
Ethylbenzene	<1.0		1.0		ug/L			04/19/16 13:28	1
Toluene	<5.0		5.0		ug/L			04/19/16 13:28	1

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

Lab Sample ID: MB 400-302419/4
Matrix: Water
Analysis Batch: 302419

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<5.0		5.0		ug/L			04/19/16 13:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*100*		*78 - 124*		*04/19/16 13:28*	*1*

Lab Sample ID: LCS 400-302419/1002
Matrix: Water
Analysis Batch: 302419

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	47.3		ug/L		95	85 - 115		
Ethylbenzene			50.0	47.8		ug/L		96	85 - 115		
Toluene			50.0	47.8		ug/L		96	85 - 115		
Xylenes, Total			150	144		ug/L		96	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*100*		*78 - 124*

Lab Sample ID: 400-120368-4 MS
Matrix: Water
Analysis Batch: 302419

Client Sample ID: MW-9
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	54.2		ug/L		108	44 - 150		
Ethylbenzene	<1.0		50.0	54.4		ug/L		109	70 - 142		
Toluene	<5.0		50.0	54.6		ug/L		109	69 - 136		
Xylenes, Total	<5.0		150	163		ug/L		109	68 - 142		

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

Lab Sample ID: 400-120368-4 MSD
Matrix: Water
Analysis Batch: 302419

Client Sample ID: MW-9
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	54.5		ug/L		109	44 - 150	1	16
Ethylbenzene	<1.0		50.0	54.6		ug/L		109	70 - 142	0	16
Toluene	<5.0		50.0	54.4		ug/L		109	69 - 136	0	16
Xylenes, Total	<5.0		150	163		ug/L		109	68 - 142	0	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 400-302837/2
Matrix: Water
Analysis Batch: 302837

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			04/21/16 11:39	1
Ethylbenzene	<1.0		1.0		ug/L			04/21/16 11:39	1
Toluene	<5.0		5.0		ug/L			04/21/16 11:39	1
Xylenes, Total	<5.0		5.0		ug/L			04/21/16 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*110*		*78 - 124*		*04/21/16 11:39*	*1*

Lab Sample ID: LCS 400-302837/1001
Matrix: Water
Analysis Batch: 302837

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	54.4		ug/L		109	85 - 115		
Ethylbenzene			50.0	54.1		ug/L		108	85 - 115		
Toluene			50.0	53.9		ug/L		108	85 - 115		
Xylenes, Total			150	164		ug/L		109	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*108*		*78 - 124*

Lab Sample ID: 400-120371-B-2 MS
Matrix: Water
Analysis Batch: 302837

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	42.7		ug/L		85	44 - 150		
Ethylbenzene	<1.0		50.0	42.8		ug/L		86	70 - 142		
Toluene	<5.0		50.0	43.4		ug/L		84	69 - 136		
Xylenes, Total	<5.0		150	132		ug/L		85	68 - 142		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*100*		*78 - 124*

Lab Sample ID: 400-120371-B-2 MSD
Matrix: Water
Analysis Batch: 302837

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	41.8		ug/L		84	44 - 150	2	16
Ethylbenzene	<1.0		50.0	42.5		ug/L		85	70 - 142	1	16
Toluene	<5.0		50.0	42.5		ug/L		82	69 - 136	2	16
Xylenes, Total	<5.0		150	130		ug/L		84	68 - 142	2	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*100*		*78 - 124*

Lab Chronicle

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: MW-1

Lab Sample ID: 400-120368-1

Date Collected: 04/15/16 08:05

Matrix: Water

Date Received: 04/16/16 09:09

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	302419	04/19/16 16:16	GRK	TAL PEN
	Instrument ID: CH_RITA									

Client Sample ID: MW-4

Lab Sample ID: 400-120368-2

Date Collected: 04/15/16 08:20

Matrix: Water

Date Received: 04/16/16 09:09

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	302225	04/19/16 04:31	GRK	TAL PEN
	Instrument ID: CH_RITA									
Total/NA	Analysis	8021B		100	5 mL	5 mL	302419	04/19/16 16:43	GRK	TAL PEN
	Instrument ID: CH_RITA									

Client Sample ID: MW-6

Lab Sample ID: 400-120368-3

Date Collected: 04/15/16 08:30

Matrix: Water

Date Received: 04/16/16 09:09

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	302419	04/19/16 17:10	GRK	TAL PEN
	Instrument ID: CH_RITA									

Client Sample ID: MW-9

Lab Sample ID: 400-120368-4

Date Collected: 04/15/16 08:40

Matrix: Water

Date Received: 04/16/16 09:09

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	302419	04/19/16 14:50	GRK	TAL PEN
	Instrument ID: CH_RITA									

Client Sample ID: MW-13

Lab Sample ID: 400-120368-5

Date Collected: 04/15/16 08:45

Matrix: Water

Date Received: 04/16/16 09:09

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	302837	04/21/16 16:46	MKA	TAL PEN
	Instrument ID: ETHYL									

Lab Chronicle

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

TestAmerica Job ID: 400-120368-1

Client Sample ID: MW-16

Lab Sample ID: 400-120368-6

Date Collected: 04/15/16 08:50
Matrix: Water
Date Received: 04/16/16 09:09

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	302419	04/19/16 20:21	GRK	TAL PEN
	Instrument ID: CH_RITA									
Total/NA	Analysis	8021B	DL	5	5 mL	5 mL	302837	04/21/16 17:45	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: MW-18

Lab Sample ID: 400-120368-7

Date Collected: 04/15/16 08:55
Matrix: Water
Date Received: 04/16/16 09:09

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	302419	04/19/16 20:50	GRK	TAL PEN
	Instrument ID: CH_RITA									

Client Sample ID: MW-19

Lab Sample ID: 400-120368-8

Date Collected: 04/15/16 09:00
Matrix: Water
Date Received: 04/16/16 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		10	5 mL	5 mL	302419	04/19/16 19:27	GRK	TAL PEN
	Instrument ID: CH_RITA									
Total/NA	Analysis	8021B	DL	100	5 mL	5 mL	302837	04/21/16 15:47	MKA	TAL PEN
	Instrument ID: ETHYL									

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-120368-9

Date Collected: 04/15/16 00:00
Matrix: Water
Date Received: 04/16/16 09:09

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	302419	04/19/16 18:59	GRK	TAL PEN
	Instrument ID: CH_RITA									

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: 400-120368-1

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	06-30-16
Arizona	State Program	9	AZ0710	01-11-17
Arkansas DEQ	State Program	6	88-0689	09-01-16
California	ELAP	9	2510	03-31-18
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	05-31-16 *
Kentucky (UST)	State Program	4	53	06-30-16
Kentucky (WW)	State Program	4	98030	12-31-16
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	12-31-16
Oklahoma	State Program	6	9810	08-31-16
Pennsylvania	NELAP	3	68-00467	01-31-17
Rhode Island	State Program	1	LAO00307	12-30-16
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: 400-120368-1

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

Client Information	Sampler: Clint Oberbroeckling	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-54737-24010.1
Client Contact: Ms. Sarah Gardner	Phone: 515.251.1005	E-Mail: marty.edwards@testamericainc.com		Page: Page 1 of 1
Company: MWH Americas Inc		Analysis Requested		Job #:
Address: 1560 Broadway Suite 1800	Due Date Requested:			Preservation Codes: 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 - Na2S2O3, S - H2SO4, T - TSP Dodecanydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
City: Denver	TAT Requested (days):			
State, Zip: CO, 80202				
Phone: 303-291-2239(Tel)	PO #: Purchase Order Requested			Other:
Email: sarah.gardner@mwhglobal.com	WO #:			
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)	Preservation Code	8021B - BTEX 8021	Special Instructions/Note:
MW-1*	4/15/15	0805	G	Water	N	X	* Unpreserved Sample
MW-3X		NS		Water	N		No Sample
MW-4*		0820		Water	N		
MW-5*		0830		Water	N		
MW-9*		0840		Water	N		
MW-13		0845		Water	N		
MW-16*		0850		Water	N		
MW-18		0855		Water	N		
MW-19*		0900		Water	N		
TRIP Blank		—		Water	N		

400-120368 COC

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): PER ARP # ERG-MWH-30-15-GW0-01

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		4/15/16	MWH		4/16/16 0909	TA
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: [ ] Yes [ ] No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.4°C IR6

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 400-120368-1

Login Number: 120368

List Source: TestAmerica Pensacola

List Number: 1

Creator: Crawford, Lauren E

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	2.4°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 (excluding tests with immediate HTs)	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: 400-128679-1
Client Project/Site: State Gas Com N #1

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

Attn: Ms. Sarah Gardner

Madonna Myers

Authorized for release by:
10/26/2016 9:47:16 AM
Madonna Myers, Project Manager II
(615)796-1870
madonna.myers@testamericainc.com

Designee for

Carol Webb, Project Manager II
(850)471-6250
carol.webb@testamericainc.com

Table of Contents

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: 400-128679-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-128679-1

Comments
No additional comments.

Receipt
The samples were received on 10/13/2016 9:39 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.6º C.

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

VOA Prep
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: 400-128679-1

Client Sample ID: MW-1 — Lab Sample ID: 400-128679-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	13000		250		ug/L	250		8021B	Total/NA
Ethylbenzene	680		250		ug/L	250		8021B	Total/NA
Toluene	3000		1300		ug/L	250		8021B	Total/NA
Xylenes, Total	6500		1300		ug/L	250		8021B	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 400-128679-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	22000		250		ug/L	250		8021B	Total/NA
Ethylbenzene	730		250		ug/L	250		8021B	Total/NA
Toluene	13000		1300		ug/L	250		8021B	Total/NA
Xylenes, Total	8800		1300		ug/L	250		8021B	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 400-128679-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	5200		250		ug/L	250		8021B	Total/NA
Ethylbenzene	860		250		ug/L	250		8021B	Total/NA
Toluene	7800		1300		ug/L	250		8021B	Total/NA
Xylenes, Total	6600		1300		ug/L	250		8021B	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 400-128679-4

No Detections.

Client Sample ID: MW-13 — Lab Sample ID: 400-128679-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	110		2.0		ug/L	2		8021B	Total/NA
Ethylbenzene	14		2.0		ug/L	2		8021B	Total/NA
Xylenes, Total	11		10		ug/L	2		8021B	Total/NA

Client Sample ID: MW-14 — Lab Sample ID: 400-128679-6

No Detections.

Client Sample ID: MW-15 — Lab Sample ID: 400-128679-7

No Detections.

Client Sample ID: MW-16 — Lab Sample ID: 400-128679-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	82		2.0		ug/L	2		8021B	Total/NA
Ethylbenzene	16		2.0		ug/L	2		8021B	Total/NA
Toluene	14		10		ug/L	2		8021B	Total/NA
Xylenes, Total	140		10		ug/L	2		8021B	Total/NA

Client Sample ID: MW-18 — Lab Sample ID: 400-128679-9

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-18 (Continued) — Lab Sample ID: 400-128679-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	840		5.0		ug/L	5		8021B	Total/NA
Ethylbenzene	200		5.0		ug/L	5		8021B	Total/NA

Client Sample ID: MW-19 — Lab Sample ID: 400-128679-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	11000		50		ug/L	50		8021B	Total/NA
Ethylbenzene	470		50		ug/L	50		8021B	Total/NA

Client Sample ID: TB-2 — Lab Sample ID: 400-128679-11

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: 400-128679-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-128679-1	MW-1	Water	10/11/16 13:54	10/13/16 09:39
400-128679-2	MW-4	Water	10/11/16 14:01	10/13/16 09:39
400-128679-3	MW-6	Water	10/11/16 14:09	10/13/16 09:39
400-128679-4	MW-9	Water	10/11/16 14:16	10/13/16 09:39
400-128679-5	MW-13	Water	10/11/16 14:24	10/13/16 09:39
400-128679-6	MW-14	Water	10/11/16 14:32	10/13/16 09:39
400-128679-7	MW-15	Water	10/11/16 14:44	10/13/16 09:39
400-128679-8	MW-16	Water	10/11/16 14:50	10/13/16 09:39
400-128679-9	MW-18	Water	10/11/16 14:58	10/13/16 09:39
400-128679-10	MW-19	Water	10/11/16 15:08	10/13/16 09:39
400-128679-11	TB-2	Water	10/11/16 00:00	10/13/16 09:39

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-1
Date Collected: 10/11/16 13:54
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-1
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	13000		250		ug/L			10/17/16 17:34	250
Ethylbenzene	680		250		ug/L			10/17/16 17:34	250
Toluene	3000		1300		ug/L			10/17/16 17:34	250
Xylenes, Total	6500		1300		ug/L			10/17/16 17:34	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*97*		*78 - 124*		*10/17/16 17:34*	*250*

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-4
Date Collected: 10/11/16 14:01
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-2
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	22000		250		ug/L			10/17/16 19:55	250
Ethylbenzene	730		250		ug/L			10/17/16 19:55	250
Toluene	13000		1300		ug/L			10/17/16 19:55	250
Xylenes, Total	8800		1300		ug/L			10/17/16 19:55	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*102*		*78 - 124*		*10/17/16 19:55*	*250*

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-6
Date Collected: 10/11/16 14:09
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-3
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5200		250		ug/L			10/17/16 20:30	250
Ethylbenzene	860		250		ug/L			10/17/16 20:30	250
Toluene	7800		1300		ug/L			10/17/16 20:30	250
Xylenes, Total	6600		1300		ug/L			10/17/16 20:30	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*97*		*78 - 124*		*10/17/16 20:30*	*250*

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-9
Date Collected: 10/11/16 14:16
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-4
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			10/17/16 21:04	1
Ethylbenzene	<1.0		1.0		ug/L			10/17/16 21:04	1
Toluene	<5.0		5.0		ug/L			10/17/16 21:04	1
Xylenes, Total	<5.0		5.0		ug/L			10/17/16 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*95*		*78 - 124*		*10/17/16 21:04*	*1*

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-13
Date Collected: 10/11/16 14:24
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-5
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**110**		2.0		ug/L			10/17/16 21:39	2
Ethylbenzene	**14**		2.0		ug/L			10/17/16 21:39	2
Toluene	<10		10		ug/L			10/17/16 21:39	2
Xylenes, Total	**11**		10		ug/L			10/17/16 21:39	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*97*		*78 - 124*		*10/17/16 21:39*	*2*

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-14
Date Collected: 10/11/16 14:32
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-6
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			10/17/16 22:14	1
Ethylbenzene	<1.0		1.0		ug/L			10/17/16 22:14	1
Toluene	<5.0		5.0		ug/L			10/17/16 22:14	1
Xylenes, Total	<5.0		5.0		ug/L			10/17/16 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*94*		*78 - 124*		*10/17/16 22:14*	*1*

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-15
Date Collected: 10/11/16 14:44
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-7
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			10/17/16 22:49	1
Ethylbenzene	<1.0		1.0		ug/L			10/17/16 22:49	1
Toluene	<5.0		5.0		ug/L			10/17/16 22:49	1
Xylenes, Total	<5.0		5.0		ug/L			10/17/16 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*95*		*78 - 124*		*10/17/16 22:49*	*1*

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-16
Date Collected: 10/11/16 14:50
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-8
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	82		2.0		ug/L			10/17/16 23:24	2
Ethylbenzene	16		2.0		ug/L			10/17/16 23:24	2
Toluene	14		10		ug/L			10/17/16 23:24	2
Xylenes, Total	140		10		ug/L			10/17/16 23:24	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*99*		*78 - 124*		*10/17/16 23:24*	*2*

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-18
Date Collected: 10/11/16 14:58
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-9
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**840**		5.0		ug/L			10/17/16 23:58	5
Ethylbenzene	**200**		5.0		ug/L			10/17/16 23:58	5
Toluene	<25		25		ug/L			10/17/16 23:58	5
Xylenes, Total	<25		25		ug/L			10/17/16 23:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*96*		*78 - 124*		*10/17/16 23:58*	*5*

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-19
Date Collected: 10/11/16 15:08
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-10
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**11000**		50		ug/L			10/18/16 17:27	50
Ethylbenzene	**470**		50		ug/L			10/18/16 17:27	50
Toluene	<250		250		ug/L			10/18/16 17:27	50
Xylenes, Total	<250		250		ug/L			10/18/16 17:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*96*		*78 - 124*		*10/18/16 17:27*	*50*

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: TB-2
Date Collected: 10/11/16 00:00
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-11
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			10/18/16 02:16	1
Ethylbenzene	<1.0		1.0		ug/L			10/18/16 02:16	1
Toluene	<5.0		5.0		ug/L			10/18/16 02:16	1
Xylenes, Total	<5.0		5.0		ug/L			10/18/16 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*94*		*78 - 124*		*10/18/16 02:16*	*1*

QC Association Summary

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

TestAmerica Job ID: 400-128679-1

GC VOA

Analysis Batch: 326994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-128679-1	MW-1	Total/NA	Water	8021B	
400-128679-2	MW-4	Total/NA	Water	8021B	
400-128679-3	MW-6	Total/NA	Water	8021B	
400-128679-4	MW-9	Total/NA	Water	8021B	
400-128679-5	MW-13	Total/NA	Water	8021B	
400-128679-6	MW-14	Total/NA	Water	8021B	
400-128679-7	MW-15	Total/NA	Water	8021B	
400-128679-8	MW-16	Total/NA	Water	8021B	
400-128679-9	MW-18	Total/NA	Water	8021B	
400-128679-11	TB-2	Total/NA	Water	8021B	
MB 400-326994/5	Method Blank	Total/NA	Water	8021B	
LCS 400-326994/1003	Lab Control Sample	Total/NA	Water	8021B	
400-128594-C-1 MS	Matrix Spike	Total/NA	Water	8021B	
400-128594-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

Analysis Batch: 327107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-128679-10	MW-19	Total/NA	Water	8021B	
MB 400-327107/5	Method Blank	Total/NA	Water	8021B	
LCS 400-327107/1002	Lab Control Sample	Total/NA	Water	8021B	
400-128682-A-1 MS	Matrix Spike	Total/NA	Water	8021B	
400-128682-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 400-326994/5
Matrix: Water
Analysis Batch: 326994

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			10/17/16 12:55	1
Ethylbenzene	<1.0		1.0		ug/L			10/17/16 12:55	1
Toluene	<5.0		5.0		ug/L			10/17/16 12:55	1
Xylenes, Total	<5.0		5.0		ug/L			10/17/16 12:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*95*		*78 - 124*		*10/17/16 12:55*	*1*

Lab Sample ID: LCS 400-326994/1003
Matrix: Water
Analysis Batch: 326994

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	49.0		ug/L		98	85 - 115		
Ethylbenzene			50.0	50.9		ug/L		102	85 - 115		
Toluene			50.0	50.2		ug/L		100	85 - 115		
Xylenes, Total			150	151		ug/L		101	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*99*		*78 - 124*

Lab Sample ID: 400-128594-C-1 MS
Matrix: Water
Analysis Batch: 326994

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	54.8		ug/L		110	44 - 150		
Ethylbenzene	<1.0		50.0	54.8		ug/L		110	70 - 142		
Toluene	<5.0		50.0	54.3		ug/L		109	69 - 136		
Xylenes, Total	<5.0		150	162		ug/L		108	68 - 142		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*99*		*78 - 124*

Lab Sample ID: 400-128594-C-1 MSD
Matrix: Water
Analysis Batch: 326994

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	55.7		ug/L		111	44 - 150	2	16
Ethylbenzene	<1.0		50.0	56.2		ug/L		112	70 - 142	3	16
Toluene	<5.0		50.0	55.5		ug/L		111	69 - 136	2	16
Xylenes, Total	<5.0		150	166		ug/L		111	68 - 142	2	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*99*		*78 - 124*

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

Lab Sample ID: MB 400-327107/5
Matrix: Water
Analysis Batch: 327107

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			10/18/16 10:27	1
Ethylbenzene	<1.0		1.0		ug/L			10/18/16 10:27	1
Toluene	<5.0		5.0		ug/L			10/18/16 10:27	1
Xylenes, Total	<5.0		5.0		ug/L			10/18/16 10:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*94*		*78 - 124*		*10/18/16 10:27*	*1*

Lab Sample ID: LCS 400-327107/1002
Matrix: Water
Analysis Batch: 327107

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	43.1		ug/L		86	85 - 115		
Ethylbenzene			50.0	44.2		ug/L		88	85 - 115		
Toluene			50.0	43.2		ug/L		86	85 - 115		
Xylenes, Total			150	131		ug/L		87	85 - 115		

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

Lab Sample ID: 400-128682-A-1 MS
Matrix: Water
Analysis Batch: 327107

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	49.5		ug/L		99	44 - 150		
Ethylbenzene	<1.0		50.0	51.6		ug/L		103	70 - 142		
Toluene	<5.0		50.0	51.2		ug/L		102	69 - 136		
Xylenes, Total	<5.0		150	152		ug/L		102	68 - 142		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*99*		*78 - 124*

Lab Sample ID: 400-128682-A-1 MSD
Matrix: Water
Analysis Batch: 327107

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	50.5		ug/L		101	44 - 150	2	16
Ethylbenzene	<1.0		50.0	50.4		ug/L		101	70 - 142	2	16
Toluene	<5.0		50.0	49.9		ug/L		100	69 - 136	3	16
Xylenes, Total	<5.0		150	149		ug/L		99	68 - 142	2	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*99*		*78 - 124*

Lab Chronicle

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-1
Date Collected: 10/11/16 13:54
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-1
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		250	5 mL	5 mL	326994	10/17/16 17:34	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-4
Date Collected: 10/11/16 14:01
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-2
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	326994	10/17/16 19:55	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-6
Date Collected: 10/11/16 14:09
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-3
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		250	5 mL	5 mL	326994	10/17/16 20:30	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-9
Date Collected: 10/11/16 14:16
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-4
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		1	5 mL	5 mL	326994	10/17/16 21:04	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-13
Date Collected: 10/11/16 14:24
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-5
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		2	5 mL	5 mL	326994	10/17/16 21:39	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-14
Date Collected: 10/11/16 14:32
Date Received: 10/13/16 09:39

Lab Sample ID: 400-128679-6
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	326994	10/17/16 22:14	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Lab Chronicle

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

TestAmerica Job ID: 400-128679-1

Client Sample ID: MW-15

Lab Sample ID: 400-128679-7

Date Collected: 10/11/16 14:44
Matrix: Water
Date Received: 10/13/16 09:39

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	326994	10/17/16 22:49	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-16

Lab Sample ID: 400-128679-8

Date Collected: 10/11/16 14:50
Matrix: Water
Date Received: 10/13/16 09:39

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	326994	10/17/16 23:24	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-18

Lab Sample ID: 400-128679-9

Date Collected: 10/11/16 14:58
Matrix: Water
Date Received: 10/13/16 09:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		5	5 mL	5 mL	326994	10/17/16 23:58	GRK	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-19

Lab Sample ID: 400-128679-10

Date Collected: 10/11/16 15:08
Matrix: Water
Date Received: 10/13/16 09:39

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	327107	10/18/16 17:27	SAB	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: TB-2

Lab Sample ID: 400-128679-11

Date Collected: 10/11/16 00:00
Matrix: Water
Date Received: 10/13/16 09:39

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	326994	10/18/16 02:16	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: 400-128679-1

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	06-30-17
Arizona	State Program	9	AZ0710	01-11-17
Arkansas DEQ	State Program	6	88-0689	09-01-17
California	ELAP	9	2510	03-31-18
Florida	NELAP	4	E81010	06-30-17
Georgia	State Program	4	N/A	06-30-17
Illinois	NELAP	5	200041	10-09-17
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-17
Kentucky (UST)	State Program	4	53	06-30-17
Kentucky (WW)	State Program	4	98030	12-31-16
Louisiana	NELAP	6	30976	06-30-17
Maryland	State Program	3	233	09-30-17
Massachusetts	State Program	1	M-FL094	06-30-17
Michigan	State Program	5	9912	05-06-17
New Jersey	NELAP	2	FL006	06-30-17
North Carolina (WW/SW)	State Program	4	314	12-31-16
Oklahoma	State Program	6	9810	08-31-17
Pennsylvania	NELAP	3	68-00467	01-31-17
Rhode Island	State Program	1	LAO00307	12-30-16
South Carolina	State Program	4	96026	06-30-16 *
Tennessee	State Program	4	TN02907	06-30-17
Texas	NELAP	6	T104704286-16-10	09-30-17
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-17
Washington	State Program	10	C915	05-15-17
West Virginia DEP	State Program	3	136	06-30-17

* Certification renewal pending - certification considered valid.

Method Summary

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

TestAmerica Job ID: 400-128679-1

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

SERIAL NUMBER: 80985

681-Atlanta

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10/26/2016

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: EPCGPC
ADDRESS: —
PAGE: 1 OF 1

PROJECT NAME: State Gas Com
PROJECT NO.: 10508834
CLIENT PROJECT MANAGER: Clint Oberbroeckling
PROJECT LOC. (STATE): NM

SAMPLED BY: Clint Oberbroeckling
CONTRACT / P.O. NO.:
CLIENT PHONE: 515 210 4299
CLIENT E-MAIL OR FAX:

TAT REQUESTED: RUSH NEEDS LAB PREAPPROVAL ☐ NORMAL 10 BUSINESS DAYS
☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ 5 DAYS ☐ 20 DAYS (Package) ☒ OTHER: 14 Calendar

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

REQUESTED ANALYSIS: BTEX by 8021B

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

NO. OF COOLERS PER SHIPMENT:

SPECIAL INSTRUCTIONS/ CONDITIONS OF RECEIPT

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
10/11/16	1354	MW-1		3									X				X
	1401	MW-4															X
	1409	MW-6															X
	1416	MW-9															X
	1424	MW-13															X
	1432	MW-14															X
	1444	MW-15															X
	1450	MW-16															X
	1458	MW-18															X
	1508	MW-19															X
	—	TB-2															X

400-128679 COC

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				10/12/16	1200			
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:
	10/13/16	939	△ YES △ NO		3.8° IR6

TAL-8251 (1207)

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 400-128679-1
SDG Number:

Login Number: 128679
List Number: 1
Creator: Hughes, Nicholas T

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	3.6°C - IR6
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 (excluding tests with immediate HTs)	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	