Bonser, Brian

R2

From: Ottenberg, Geoffrey
Sent: Monday, February 08, 2010 8:45 AM
To: Trojanowski, Robert; Bartley, Jonathan; Rapp, Curtis; Conatser, Richard; Loo, Wade; Bonser, Brian; Stamm, Eric
Cc: Riggs, Eric; Sabisch, Andrew; Ellis, Kevin
Subject: Oconee Groundwater communication
Attachments: Well Map.jpg; Sample Results 2_8_10.pdf

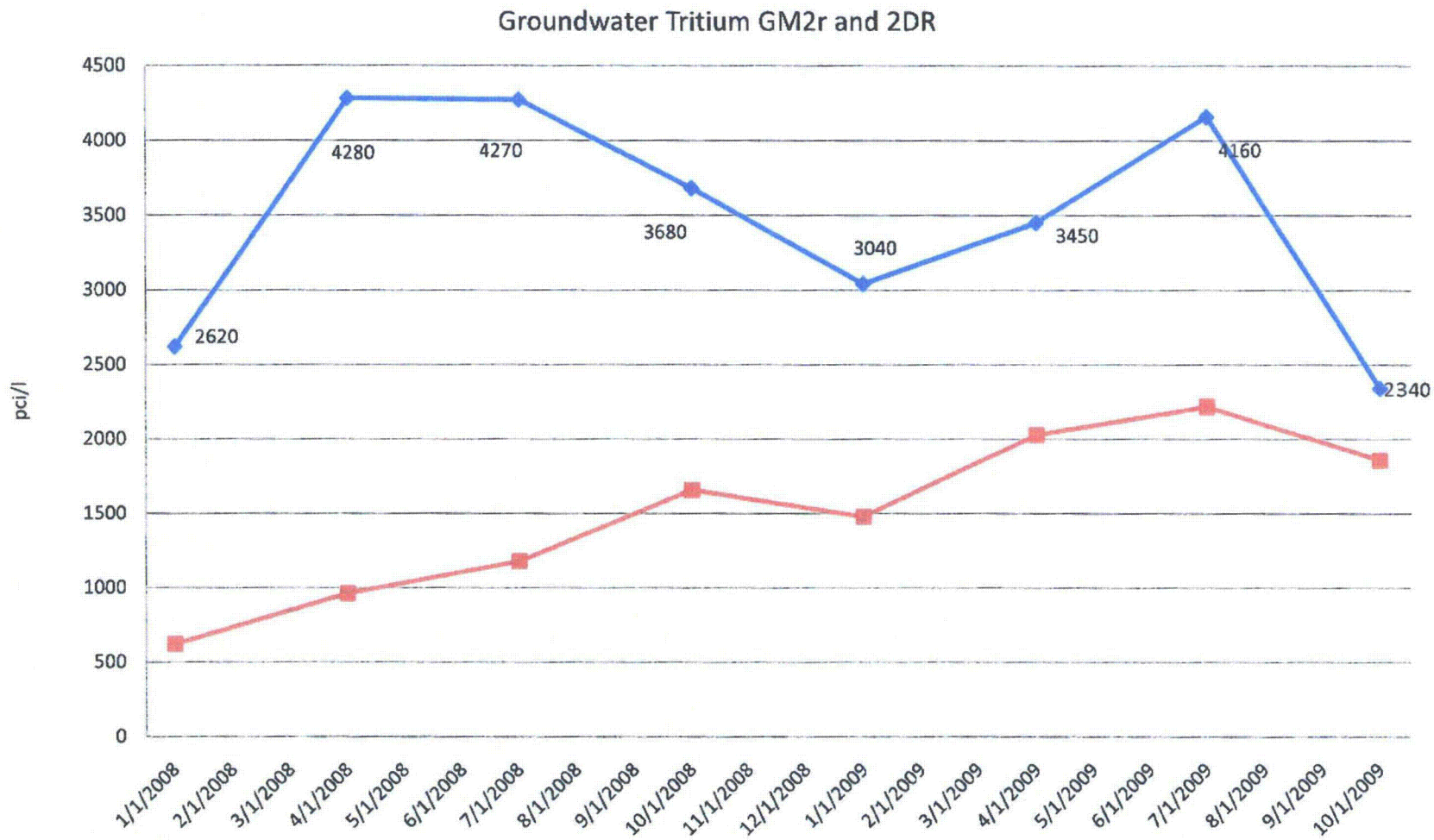
All,

Attached is the preliminary well sample results and a site map showing well locations. Two wells (GM-7R and GM-7DR) located near the 525kV switchyard had activity above 20,000 pCi/L. GM-7R was **24,400pCi/L** and GM-7DR was **35,400 pCi/L**. Communication is expected tomorrow, and the licensee is having a meeting at 1pm today to discuss the communication plan- the residents will follow.

Any questions, let me know.

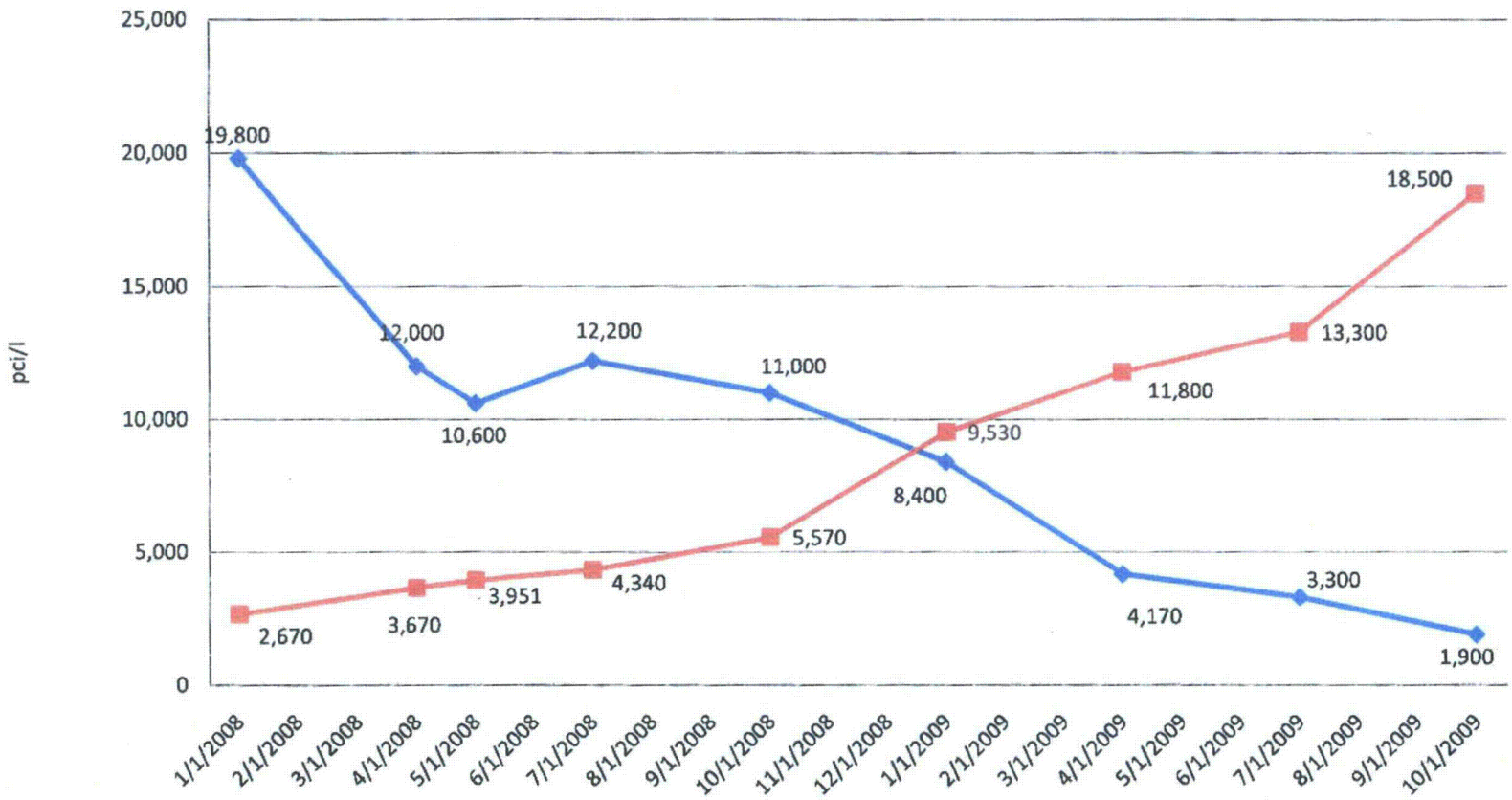
Geoff Ottenberg
Oconee Resident Inspector
864-882-6927

J-42

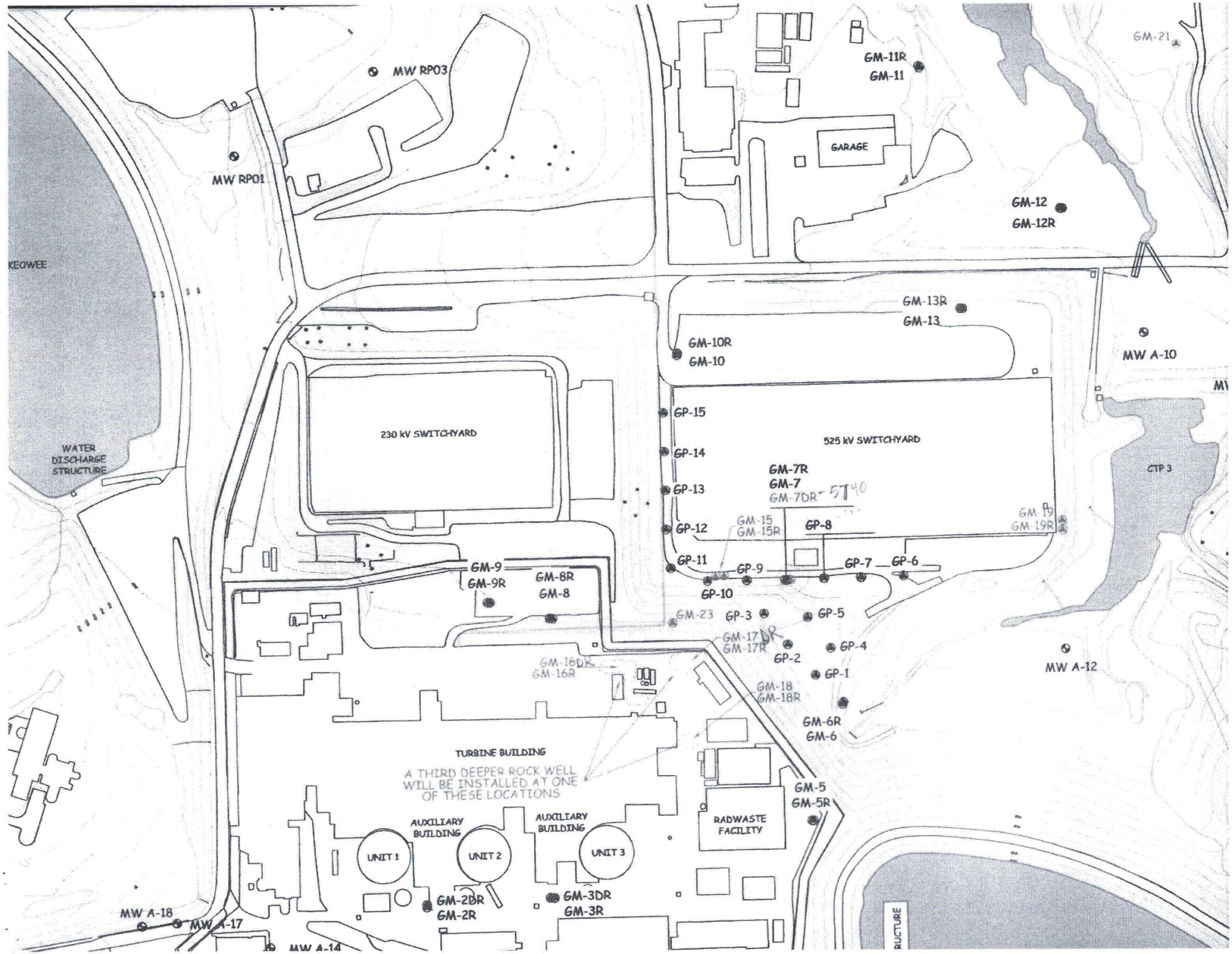


	1/8/2008	4/8/2008	7/8/2008	10/21/2008	1/26/2009	4/6/2009	7/6/2009	10/5/2009
GM-2R	2620	4280	4270	3680	3040	3450	4160	2340
GM-2DR	620	962	1180	1660	1480	2030	2220	1860

Groundwater Tritium Values GM-7 and GM-7R



	1/8/2008	4/8/2008	5/22/2008	7/8/2008	10/21/2008	1/27/2009	4/6/2009	7/7/2009	10/6/2009
GM-7	19,800	12,000	10,600	12,200	11,000	8,400	4,170	3,300	1,900
GM-7R	2,670	3,670	3,951	4,340	5,570	9,530	11,800	13,300	18,500


MW RP03
MW RP01
GM-11R
GM-11
GM-21
GARAGE
GM-12
GM-12R
KEOWEE
GM-13R
GM-13
GM-10R
GM-10
MW A-10
230 kV SWITCHYARD
525 kV SWITCHYARD
GP-15
GP-14
GP-13
GP-12
GP-11
GP-10
GP-9
GP-8
GP-7
GP-6
GP-5
GP-4
GP-3
GP-2
GP-1
GM-7R
GM-7
GM-7DR
GM-15
GM-15R
GM-19
GM-19R
WATER DISCHARGE STRUCTURE
CTP 3
GM-9
GM-9R
GM-8R
GM-8
GM-23
GM-17DR
GM-17R
GM-16DR
GM-16R
GM-18
GM-18R
GM-6R
GM-6
MW A-12
TURBINE BUILDING
A THIRD DEEPER ROCK WELL WILL BE INSTALLED AT ONE OF THESE LOCATIONS
GM-5
GM-5R
RADWASTE FACILITY
AUXILIARY BUILDING
AUXILIARY BUILDING
UNIT 1
UNIT 2
UNIT 3
GM-2DR
GM-2R
GM-3DR
GM-3R
MW A-18
MW A-17
MW A-14

H-3 SUMMARY REPORT
JOBS: 09-DEC-0014, 09-DEC-0015, 09-DEC-0016, 10-JAN-0006
REPORT GENERATED @ 02/08/2010 06:24:50

SAMPLE DESCRIPTION	JOB#	DATE	SAMPLE ID#	ACTIVITY (PCI/L)	1 SIGMA ERROR	MDA (PCI/L)
ONS TUBE BURIAL | MW-RP01	09-DEC-0014	01/25/2010	30000835	< 76.7		160
ONS TUBE BURIAL | MW-RP02	09-DEC-0014	01/26/2010	30000836	< 65.8		159
ONS TUBE BURIAL | MW-RP03	09-DEC-0014	01/26/2010	30000837	<-12.9		166
ONS GROUND WATER PROTECTION PROGRAM | A-1	09-DEC-0015	01/26/2010	30000838	228.0	53.2	162
ONS GROUND WATER PROTECTION PROGRAM | A-2	09-DEC-0015	01/26/2010	30000839	< 4.3		162
ONS GROUND WATER PROTECTION PROGRAM | A-9	09-DEC-0015	01/25/2010	30000841	<154.0		162
ONS GROUND WATER PROTECTION PROGRAM | A-10	09-DEC-0015	01/26/2010	30000842	288.0	54.6	163
ONS GROUND WATER PROTECTION PROGRAM | A-11	09-DEC-0015	01/26/2010	30000843	< 54.4		163
ONS GROUND WATER PROTECTION PROGRAM | A-12	09-DEC-0015	01/26/2010	30000844	< 8.7		163
ONS GROUND WATER PROTECTION PROGRAM | A-13	09-DEC-0015	01/25/2010	30000845	681.0	60.6	163
ONS GROUND WATER PROTECTION PROGRAM | A-14	09-DEC-0015	01/25/2010	30000846	397.0	56.3	163
ONS GROUND WATER PROTECTION PROGRAM | A-17	09-DEC-0015	01/26/2010	30000847	< 68.4		160
ONS GROUND WATER PROTECTION PROGRAM | A-18	09-DEC-0015	01/26/2010	30000848	<155.0		158
ONS GROUND WATER PROTECTION PROGRAM | BG-4	09-DEC-0015	01/26/2010	30000849	< 8.4		162
ONS GROUND WATER PROTECTION PROGRAM | GM-1R	09-DEC-0016	01/26/2010	30000850	< 15.3		174
ONS GROUND WATER PROTECTION PROGRAM | GM-2R	09-DEC-0016	01/25/2010	30000851	4020.0	101.0	174
ONS GROUND WATER PROTECTION PROGRAM | GM-2DR	09-DEC-0016	01/25/2010	30000852	1900.0	78.9	174
ONS GROUND WATER PROTECTION PROGRAM | GM-3R	09-DEC-0016	01/25/2010	30000853	<138.0		174
ONS GROUND WATER PROTECTION PROGRAM | GM-3DR	09-DEC-0016	01/25/2010	30000854	<154.0		173
ONS GROUND WATER PROTECTION PROGRAM | GM-4	09-DEC-0016	01/25/2010	30000855	306.0	58.0	174
ONS GROUND WATER PROTECTION PROGRAM | GM-5	09-DEC-0016	01/25/2010	30000856	<141.0		174
ONS GROUND WATER PROTECTION PROGRAM | GM-5R	09-DEC-0016	01/25/2010	30000857	<-133.		174
ONS GROUND WATER PROTECTION PROGRAM | GM-6	09-DEC-0016	01/26/2010	30000858	<108.0		173
ONS GROUND WATER PROTECTION PROGRAM | GM-6R	09-DEC-0016	01/26/2010	30000859	<-179.		174
ONS GROUND WATER PROTECTION PROGRAM | GM-7	09-DEC-0016	01/26/2010	30000860	1380.0	74.2	178
ONS GROUND WATER PROTECTION PROGRAM | GM-7R	09-DEC-0016	01/26/2010	30000861	24400.	220.0	178
ONS GROUND WATER PROTECTION PROGRAM | GM-8	09-DEC-0016	01/25/2010	30000862	229.0	58.0	178
ONS GROUND WATER PROTECTION PROGRAM | GM-8R	09-DEC-0016	01/25/2010	30000863	218.0	57.4	177

PRELIMINARY REPORT

ONS GROUND WATER PROTECTION PROGRAM	GM-9	09-DEC-0016	01/25/2010	30000864	<158.0		174
ONS GROUND WATER PROTECTION PROGRAM	GM-9R	09-DEC-0016	01/25/2010	30000865	<-78.0		177
ONS GROUND WATER PROTECTION PROGRAM	GM-10	09-DEC-0016	01/26/2010	30000866	< 4.5		178
ONS GROUND WATER PROTECTION PROGRAM	GM-10R	09-DEC-0016	01/26/2010	30000867	195.0	57.4	178
ONS GROUND WATER PROTECTION PROGRAM	GM-11	09-DEC-0016	01/26/2010	30000868	<-48.8		176
ONS GROUND WATER PROTECTION PROGRAM	GM-11R	09-DEC-0016	01/26/2010	30000869	<-42.8		179
ONS GROUND WATER PROTECTION PROGRAM	GM-12	09-DEC-0016	01/26/2010	30000870	<-13.3		174
ONS GROUND WATER PROTECTION PROGRAM	GM-12R	09-DEC-0016	01/26/2010	30000871	< 48.6		173
ONS GROUND WATER PROTECTION PROGRAM	GM-13	09-DEC-0016	01/26/2010	30000872	<-42.0		173
ONS GROUND WATER PROTECTION PROGRAM	GM-13R	09-DEC-0016	01/26/2010	30000873	<-35.0		173
ONS GROUND WATER PROTECTION PROGRAM	GM-14	09-DEC-0016	01/26/2010	30000874	< 53.1		173
ONS GROUND WATER PROTECTION PROGRAM	GM-14R	09-DEC-0016	01/26/2010	30000875	<-65.3		170
ONS GROUND WATER PROTECTION PROGRAM	GM-7DR	10-JAN-0006	01/26/2010	30001386	35400.	256.0	166
ONS GROUND WATER PROTECTION PROGRAM	GM-15	10-JAN-0006	01/26/2010	30001387	3830.0	95.4	162
ONS GROUND WATER PROTECTION PROGRAM	GM-15R	10-JAN-0006	01/26/2010	30001388	436.0	56.5	162
ONS GROUND WATER PROTECTION PROGRAM	GM-16R	10-JAN-0006	01/27/2010	30001389	9130.0	136.0	163
ONS GROUND WATER PROTECTION PROGRAM	GM-16DR	10-JAN-0006	01/27/2010	30001390	12600.	157.0	164
ONS GROUND WATER PROTECTION PROGRAM	GM-17R	10-JAN-0006	01/27/2010	30001391	8410.0	130.0	161
ONS GROUND WATER PROTECTION PROGRAM	GM-17DR	10-JAN-0006	01/27/2010	30001392	2150.0	79.7	165
ONS GROUND WATER PROTECTION PROGRAM	GM-19	10-JAN-0006	01/25/2010	30001395	305.0	54.5	162
ONS GROUND WATER PROTECTION PROGRAM	GM-19R	10-JAN-0006	01/26/2010	30001396	305.0	54.5	162
ONS GROUND WATER PROTECTION PROGRAM	GM-20	10-JAN-0006	01/25/2010	30001397	<-49.7		198
ONS GROUND WATER PROTECTION PROGRAM	GM-20R	10-JAN-0006	01/25/2010	30001398	<-51.1		203
ONS GROUND WATER PROTECTION PROGRAM	GM-21	10-JAN-0006	01/25/2010	30001399	<-70.8		202
ONS GROUND WATER PROTECTION PROGRAM	GM-22	10-JAN-0006	01/25/2010	30001400	< 8.6		197
ONS GROUND WATER PROTECTION PROGRAM	GM-23	10-JAN-0006	01/26/2010	30001401	467.0	69.7	201

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AVERAGE H3 ACTIVITY: 4876.14
MAXIMUM H3 ACTIVITY: 35400.00
MINIMUM H3 ACTIVITY: 195.00

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* H3SUMM (RGEN) *
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PRELIMINARY REPORT