

WELL PURGE RECORD

<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <p style="text-align: center; margin: 0;">LOGO</p>	ACME CONSULTING 1234 Anystreet Somewhere, Someplace Telephone: 534 123 4567 Fax: 534 321 4567	PROJECT <p style="text-align: center;">gINT Example</p>	WELL NUMBER <p style="text-align: center;">MW-01</p>																							
	JOB NUMBER <p style="text-align: center;">123-5555-99</p>	LOCATION <p style="text-align: center;">Sites A & C</p>	RECORDED BY <p style="text-align: center;">I.Purge</p>																							
	AIR TEMPERATURE <p style="text-align: center;">~55 °F</p>	WEATHER <p style="text-align: center;">Clear</p>	SUBCONTRACTOR <p style="text-align: center;">AAAAA Sampling</p>																							
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center; border-bottom: 1px solid black;">PURGING METHOD</td> <td style="width: 30%; text-align: center; border-bottom: 1px solid black;">SAMPLING METHOD</td> </tr> <tr> <td style="border-bottom: 1px solid black;">HAND PUMP</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="border-bottom: 1px solid black;">SUBMERSIBLE PUMP</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="border-bottom: 1px solid black; text-align: center;">BAILER</td> <td style="border-bottom: 1px solid black; text-align: center;">X</td> </tr> <tr> <td style="border-bottom: 1px solid black;">OTHER</td> <td style="border-bottom: 1px solid black;"></td> </tr> </table>		PURGING METHOD	SAMPLING METHOD	HAND PUMP		SUBMERSIBLE PUMP		BAILER	X	OTHER		DATE OF SAMPLING <p style="text-align: center;">1/27/03 (2003 1st Qtr)</p>														
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">CASING DIAMETER (D_c):</td> <td style="width: 10%; text-align: center;">4.0</td> <td rowspan="8" style="width: 20%; text-align: center; vertical-align: middle;"> </td> </tr> <tr> <td>DEPTH TO:</td> <td></td> </tr> <tr> <td> WATER (h):</td> <td style="text-align: center;">96.85</td> </tr> <tr> <td> NAPL:</td> <td style="text-align: center;">96.65</td> </tr> <tr> <td>NAPL THICKNESS:</td> <td style="text-align: center;">0.20</td> </tr> <tr> <td>SCREEN DEPTH:</td> <td></td> </tr> <tr> <td> TOP:</td> <td style="text-align: center;">91.0</td> </tr> <tr> <td> BOTTOM:</td> <td style="text-align: center;">101.0</td> </tr> <tr> <td>TOTAL DEPTH (TD_c):</td> <td style="text-align: center;">101.0</td> <td></td> </tr> <tr> <td>ESTIMATED FILTER PACK POROSITY (P)</td> <td style="text-align: center;">0.25</td> <td></td> </tr> </table> <p style="font-size: small; margin-top: 5px;">Diameters in (inches) : Depths in (feet)</p>		CASING DIAMETER (D _c):	4.0		DEPTH TO:		WATER (h):	96.85	NAPL:	96.65	NAPL THICKNESS:	0.20	SCREEN DEPTH:		TOP:	91.0	BOTTOM:	101.0	TOTAL DEPTH (TD _c):	101.0		ESTIMATED FILTER PACK POROSITY (P)	0.25		CALCULATED PURGE VOLUME: <u>10.2 gallons</u> ANALYSES TO BE PERFORMED: <u>See Chain-of-Custody</u> NUMBER / TYPE OF CONTAINERS: <u>See Chain-of-Custody</u> LABORATORY: <u>Water Testers</u> DATE SHIPPED: <u>1/27/00</u> VIA: <u>Lab Courier</u> SPECIAL HANDLING / PRESERVATIVES: <u>See Chain-of-Custody</u> CASING VOLUME $V_c = \pi \left(\frac{D_c}{24} \right)^2 (TD_c - H) (7.48 \text{ gal/ft}^3)$ $= 3.14 \left(\frac{4.0}{24} \right)^2 (101.0 - 97.1)$ $= 2.56 \text{ gallons}$	
CASING DIAMETER (D _c):	4.0																									
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PURGING DATA			CUMULATIVE TOTAL REMOVED		WATER CHARACTERISTICS				COMMENTS																	
DATE	TIME		WATER REMOVED (GAL)	GAL	CASING VOLUMES	pH	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	TEMPERATURE (°F)																	
	BEGIN	FINISH																								
1/27/03	07:10	07:11	2	2	0.78	8.57	1.27	32	8.0	Purged by pump.																
1/27/03	07:11	07:20	0	2	0.78	n.a.	n.a.	n.a.	n.a.	Recharge																
1/27/03	07:20	07:22	2	4	1.56	8.27	2.06	120	17.8	Purged by pump.																
1/27/03	07:22	07:35	0	4	1.56	n.a.	n.a.	n.a.	n.a.	Recharge																
1/27/03	07:35	07:36	1	5	1.95	8.48	1.96	90	15.3	Purged by pump.																
1/27/03	07:36	08:10	0	5	1.95	n.a.	n.a.	n.a.	n.a.	Recharge																
1/27/03	08:10	08:11	1	6	2.34	8.27	2.05	>200	21.0	Purged by bailer.																
1/27/03	08:11	08:15	1	7	2.73	8.36	2.04	>200	22.0	"																
1/27/03	08:15	08:20	1	8	3.12	8.49	2.06	>200	21.9	"																
1/27/03	08:20	08:25	1	9	3.52	8.44	2.04	>200	21.5	"																
1/27/03	08:25	08:30	1	10	3.91	8.41	2.02	198	21.7	"																
1/27/03	08:30	08:35	1	11	4.30	8.39	2.04	37	21.2	"																

GTB-A-ENNL01-WELL PURGE GTB-A-ENNL01.GPJ GTB-A-ENNL01.GDT 4/16/03

WELL PURGE RECORD

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	JOB NUMBER <b style="text-align: center;">123-5555-99	LOCATION <b style="text-align: center;">Sites A & C	RECORDED BY <b style="text-align: center;">I.Purge																																									
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	BEGIN	FINISH																																										
1/27/03	07:10	07:11	2	2	0.42	8.57	1.27	32	8.0	Purged by pump.																																		
1/27/03	07:11	07:20	0	2	0.42	n.a.	n.a.	n.a.	n.a.	Recharge																																		
1/27/03	07:20	07:22	2	4	0.84	8.27	2.06	120	17.8	Purged by pump.																																		
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1/27/03	07:35	07:36	1	5	1.05	8.48	1.96	90	15.3	Purged by pump.																																		
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1/27/03	08:15	08:20	1	8	1.68	8.49	2.06	>200	21.9	"																																		
1/27/03	08:20	08:25	1	9	1.89	8.44	2.04	>200	21.5	"																																		
1/27/03	08:25	08:30	1	10	2.10	8.41	2.02	198	21.7	"																																		
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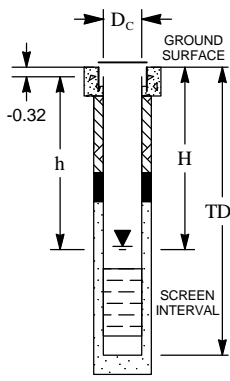
GTB-A-ENNL01-WELL-PURGE-GTB-A-ENNL01.GPJ-GTB-A-ENNL01.GDT-4/16/03

WELL PURGE RECORD

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	JOB NUMBER 123-5555-99		LOCATION Sites A & C		RECORDED BY I.Purge					
	AIR TEMPERATURE low 60's °F		WEATHER Clear		SUBCONTRACTOR AAAAA Sampling					
PURGING METHOD _____ SAMPLING METHOD _____			DATE OF SAMPLING 11/4/02 (2002 4th Qtr)							
HAND PUMP _____ SUBMERSIBLE PUMP _____ BAILER _____ X _____ X _____ OTHER _____			PURGING CRITERIA Purge minimum four casing volumes or until dry.							
REMARKS Slow recharging well. 80% recovery = 102.0 feet below TOC.			CALCULATED PURGE VOLUME: 16.0 gallons							
CASING DIAMETER (D _c): 4.0			DEPTH TO:			ANALYSES TO BE PERFORMED: See Chain-of-Custody				
WATER (h): 100.57			NAPL: n.a.			NUMBER / TYPE OF CONTAINERS: See Chain-of-Custody				
NAPL THICKNESS: n.a.			SCREEN DEPTH:			LABORATORY: Water Testers				
TOP: 87.0			BOTTOM: 107.0			DATE SHIPPED: 11/4/99 VIA: Lab Courier				
TOTAL DEPTH (TD _c): 107.0			ESTIMATED FILTER PACK POROSITY (P) 0.25			SPECIAL HANDLING / PRESERVATIVES: See Chain-of-Custody				
Diameters in (inches) : Depths in (feet)						CASING VOLUME $V_c = \pi \left(\frac{D_c}{24} \right)^2 (TD_c - H) (7.48 \text{ gal/ft}^3)$ $= 3.14 \left(\frac{4.0}{24} \right)^2 (107.0 - 100.9)$ $= 3.99 \text{ gallons}$				
PURGING DATA			CUMULATIVE TOTAL REMOVED		WATER CHARACTERISTICS				COMMENTS	
DATE	TIME		WATER REMOVED (GAL)	GAL	CASING VOLUMES	pH	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	TEMPERATURE (°F)	
	BEGIN	FINISH								
11/4/02	06:08	06:09	3	3	0.75	5.60	2.24	>200	15.2	
11/4/02	06:09	06:11	2	5	1.25	5.60	2.21	>200	16.9	
11/4/02	06:11	06:13	2	7	1.76	5.70	2.23	>200	17.1	
11/4/02	06:13	06:16	2	9	2.26	5.80	2.24	>200	18.1	
11/4/02	06:16	06:19	1	10	2.51	5.80	2.2	>200	17.9	
11/4/02	06:19	06:43	0	10	2.51	n.a.	n.a.	n.a.	n.a.	
11/4/02	06:43	06:46	3	13	3.26	5.90	2.23	>200	17.9	
11/4/02	06:46	06:49	2	15	3.76	5.90	2.19	>200	17.9	
11/4/02	06:49	06:54	2	17	4.26	6.00	2.2	>200	17.8	
11/4/02	06:54	07:00	1	18	4.51	6.00	2.19	>200	17.5	

GTB-A ENNL01-WELL PURGE GTB-A ENNL01.GPJ GTB-A ENNL01.GDT 4/16/03

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	<p>JOB NUMBER 123-5555-99</p>	<p>LOCATION Sites A & C</p>	<p>RECORDED BY I.Purge</p>							
	<p>AIR TEMPERATURE ~55 °F</p>	<p>WEATHER Clear</p>	<p>SUBCONTRACTOR AAAAA Sampling</p>							
<p style="text-align: center;">PURGING METHOD SAMPLING METHOD</p>		<p>DATE OF SAMPLING 1/27/03 (2003 1st Qtr)</p>								
<p>HAND PUMP _____ _____</p> <p>SUBMERSIBLE PUMP _____ _____</p> <p>BAILER _____ X _____ X _____</p> <p>OTHER _____ _____</p>		<p>PURGING CRITERIA Purge minimum four casing volumes or until dry.</p>								
<p>REMARKS Slow recharging well</p>		<p>CALCULATED PURGE VOLUME: <u>17.2 gallons</u></p> <p>ANALYSES TO BE PERFORMED: <u>See Chain-of-Custody</u></p> <p>NUMBER / TYPE OF CONTAINERS: <u>See Chain-of-Custody</u></p> <p>LABORATORY: <u>Water Testers</u></p> <p>DATE SHIPPED: <u>1/27/00</u> VIA: <u>Lab Courier</u></p> <p>SPECIAL HANDLING / PRESERVATIVES: <u>See Chain-of-Custody</u></p>								
<p>CASING DIAMETER (D_c): <u>4.0</u></p> <p>DEPTH TO:</p> <p> WATER (h): <u>100.11</u></p> <p> NAPL: <u>n.a.</u></p> <p>NAPL THICKNESS: <u>n.a.</u></p> <p>SCREEN DEPTH:</p> <p> TOP: <u>87.0</u></p> <p> BOTTOM: <u>107.0</u></p> <p>TOTAL DEPTH (TD_c): <u>107.0</u></p> <p>ESTIMATED FILTER PACK POROSITY (P) <u>0.25</u></p> <p style="font-size: small;">Diameters in (inches) : Depths in (feet)</p>		 <p style="font-size: small;"> $V_c = \pi \left(\frac{D_c}{24} \right)^2 (TD_c - H) (7.48 \text{ gal/ft}^3)$ $= 3.14 \left(\frac{4.0}{24} \right)^2 (107.0 - 100.4)$ $= 4.29 \text{ gallons}$ </p>								
PURGING DATA			CUMULATIVE TOTAL REMOVED		WATER CHARACTERISTICS				COMMENTS	
DATE	TIME		WATER REMOVED (GAL)	GAL	CASING VOLUMES	pH	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	TEMPERATURE (°F)	
	BEGIN	FINISH								
1/27/03	09:05	09:06	1	1	0.23	9.19	2.14	>1000	20.2	
1/27/03	09:06	09:08	1	2	0.47	8.51	2.16	851	19.9	
1/27/03	09:08	09:10	1	3	0.70	8.45	2.12	825	20.6	
1/27/03	09:10	09:12	1	4	0.93	8.40	2.24	975	20.9	
1/27/03	09:12	09:14	1	5	1.17	8.42	2.15	950	21.2	
1/27/03	09:14	09:16	1	6	1.40	8.40	2.14	935	20.9	
1/27/03	09:16	09:18	1	7	1.63	8.41	2.14	890	20.3	
1/27/03	09:18	09:22	2	9	2.10	8.44	2.13	900	20.3	
1/27/03	09:22	09:26	2	11	2.56	8.40	2.13	915	21.1	
1/27/03	09:26	09:30	2	13	3.03	8.42	2.13	820	21.1	
1/27/03	09:30	09:34	2	15	3.50	8.42	2.13	550	21.1	
1/27/03	09:34	09:38	2	17	3.96	8.42	2.13	222	21.1	Bailed dry.
1/27/03	09:38	09:48	0	17	3.96	n.a.	n.a.	n.a.	n.a.	Recharge.
1/27/03	09:48	09:50	2	19	4.43	8.42	2.13	158	21.1	
1/27/03	09:50	09:54	2	21	4.90	8.42	2.13	86	21.1	