

February 29, 2016

Connie Davis
Aggregate Industries - WCR, Inc.
1687 Cole Blvd., Ste. 300
Golden, CO 80401

**Re: Hazeltine Mine, DRMS Permit No. M-2004-031,
Permit Amendment Application No. 1 (AM-01),
Preliminary Adequacy Review**

Dear Ms. Davis:

On December 30, 2015, the Division of Reclamation, Mining and Safety (Division) deemed the above referenced application complete for the purposes of filing. Pursuant to Rule 1.4.9(1), the 90-day decision date for the application has been set at March 29, 2016. Please be advised on March 29, 2016, the application may be deemed inadequate and may be denied unless the following adequacy items are addressed to the Division's satisfaction. Subsequent to receipt and review of the Applicant's response to these items the Division may identify additional adequacy items.

6.4.5 EXHIBIT E - Reclamation Plan

- 1) Through AM-01, the Operator attempts to satisfy the corrective actions of Violation No. MV-2015-003, regarding the submittal of a plan for permanent mitigation of groundwater mounding, Permanent Groundwater Mounding Mitigation Plan (Permanent Plan). The plans proposed through AM-01 calls for setting two 18-inch ADS pipes in the Bull Seep to divert surface water into the lined reservoir. The plans proposed in AM-01 addresses surface water flow in the Bull Seep and has no effect on mitigating groundwater mounding because the pipes are set at the land surface.

The following two tables illustrate the groundwater monitoring data collected by Aggregate Industries for monitoring wells MW-2, MW-3, and MW-11B. The groundwater monitoring data and observations were submitted to the Division in the 2005 Annual Report (enclosed). Table 1 contains the pre-mining/pre-slurry wall groundwater elevations. Table 2 contains a brief statistical summary for the pre-mining/pre-slurry wall groundwater elevations observed in monitoring wells MW-2, MW-3, and MW-11B.

The approximate locations of the groundwater monitoring wells and the Permanent Plan are indicated on Figure 1.



	Hazeltine Monitoring Wells		
	MW-2	MW-3	MW-11B
PVC RIM Elevation (ft)	5044.34	5051.25	5042.22
Ground Elevation (ft)	5041.59	5048.27	5039.51
Date	Groundwater elevation (ft)		
2/16/2004	5035.67	5037.4	5036.47
3/11/2004	5035.24	5037.25	5036.42
4/6/2004	5034.44	5036.6	5035.57
5/6/2004	5034.34	5037.15	5035.52
6/7/2004	5034.09	5036.35	5035.42
7/9/2004	5035.34	5037.05	5036.42
8/5/2004	5034.34	5036.35	5035.82
9/8/2004	5036.64	5037.45	5037.22
10/13/2004	5034.94	5036.85	5036.22
11/2/2004	5036.54	5037.55	5035.92
12/1/2004	5037.84	5038.85	5038.22
1/4/2005	5037.04		5037.62
1/5/2005		5038.55	
2/2/2005		5038.85	
2/4/2005	5037.14		5038.22
3/3/2005	5037.04	5039.25	5038.72
4/4/2005	5037.34	5038.95	5038.22
4/18/2005	Construction of Relocated Bull Seep Began		
5/2/2005	5037.44	5038.65	5038.12
5/24/2005	Completion of Relocated Bull Seep		
6/7-8/2005	East side Slurry wall Completed		

Table 1: Groundwater elevations for the time period prior to the construction of the slurry wall located on the east side of the mine site. The groundwater elevations and construction dates displayed on the table were created using groundwater monitoring data and observations provided by the Operator in the 2005 Annual Report (enclosed).

	Hazeltine Monitoring Wells		
	MW-2	MW-3	MW-11B
Maximum groundwater elevation prior competition of slurry wall	5037.84	5039.25	5038.72
Minimum groundwater elevation prior competition of slurry wall	5034.09	5036.35	5035.42
Average groundwater elevation prior to completion of slurry wall	5035.96	5037.69	5036.88

Table 2: Statistical summary for pre-mining/pre-slurry wall groundwater elevations in monitoring wells MW-2, MW-3, and MW-11B.

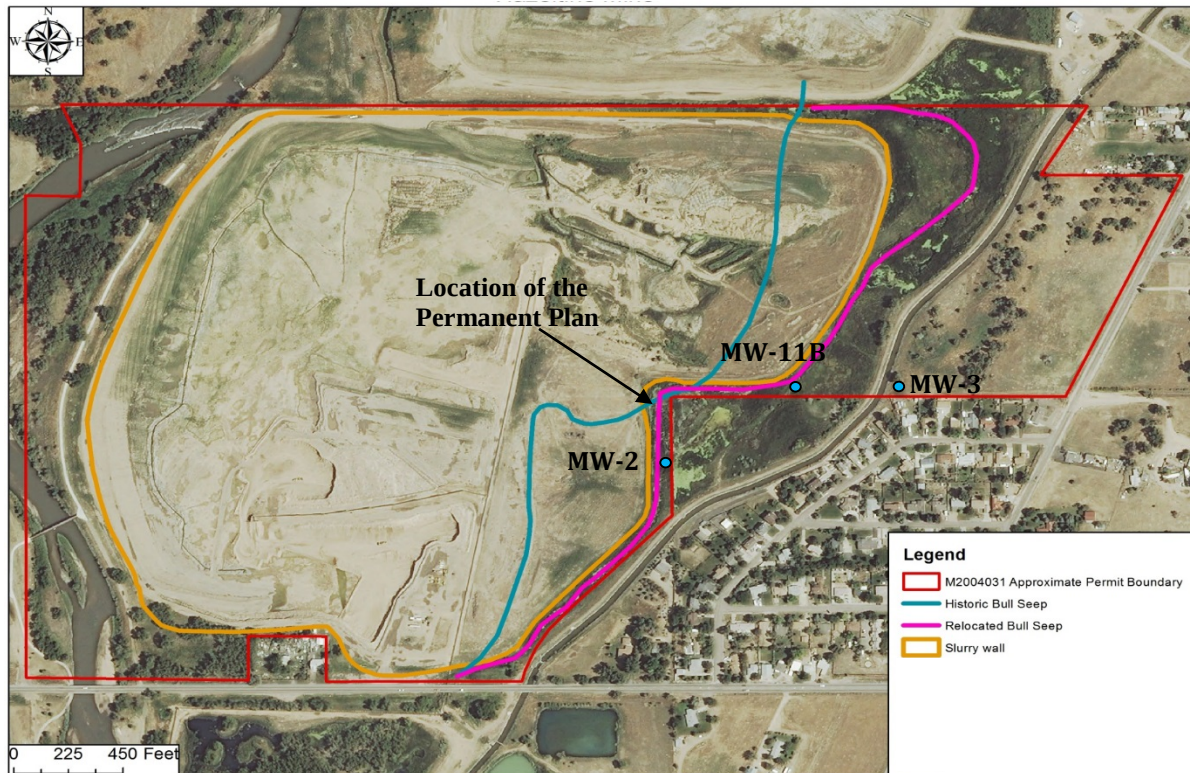


Figure 1: Map of the Hazeltine Mine, Wells MW-2, MW-3 and MW-11B are shown on the map, the proposed location of the Permanent Plan is also identified (all locations are approximate).

Monitoring wells MW-2, MW-3, and MW-11B are proximal to the location of the proposed Permanent Plan and represent the pre-mining/pre-slurry wall groundwater elevations in the immediate area. Prior to the installation of the slurry wall the average groundwater elevation for monitoring well MW-2 was 5035.96 feet (5.63 feet below ground surface); well MW-3 was 5,037.69 feet (10.58 feet below ground surface); and well MW-11B was 5,036.9 feet (2.63 feet below ground surface).

The Permanent Plan proposes setting the invert elevation of the two 18-inch ADS pipes at ground surface, at an elevation of 5,038.8 feet in the Bull Seep. The Permanent Plan appears to address surface water at an elevation which is significantly higher than the average pre-mining/pre-slurry wall groundwater elevation observed in monitoring wells MW-2, MW-3, and MW-11B. Therefore, the proposed Permanent Plan fails to minimize the impacts to the prevailing groundwater system as required by C.R.S. 34-32.5-116(4)(h), Rule 3.1.6 and the corrective actions of Violation No. MV-2015-003.

Pursuant to C.R.S. 34-32.5-116(4)(h), Rule 3.1.6, and the Board Order, please provide a Permanent Plan that will lower the groundwater elevation along the eastern portion of the Hazeltine Mine to an elevation that matches or closely mimics the average pre-mining/pre-slurry wall groundwater

elevation observed in monitoring wells MW-2 and MW-11B. The Applicant will also need to provide a hydrologic demonstration in the form of a draw down model, which demonstrates that the effects of the Permanent Plan will lower the groundwater elevation in the vicinity of MW-3 to near the average pre-mining/pre-slurry wall groundwater elevation observed in MW-3.

6.4.6 EXHIBIT F - Reclamation Plan Map

- 2) Pursuant to Rule 6.4.6, please identify the following on the Reclamation Plan Map:
 - a) Delineate and label the affected land boundary,
 - b) All permanent structures and land surface features that will remain after mining,
 - c) The expected physical appearance of the area of the affected land, correlated to the proposed mining and reclamation timetables. The map must show proposed topography of the area with contour lines of sufficient detail to portray the direction and rate of slope of all reclaimed lands; and
 - d) Portrayal of the proposed final land use for each portion of the affected lands.
- 3) Pursuant to Rule 6.2.1 Please have the Reclamation Plan Map signed by a registered land surveyor, professional engineer, or other qualified person who prepared the map.

General Questions and Comments

- 4) Please provide the Division with all surface water and groundwater monitoring data that has been collected since the data was last submitted to the Division in the 2015 Annual Report.

Please see the enclosed comments from the Division of Water Resources (DWR). DWR states that no water can be impounded or have a consumptive use through the diverted course of the Permanent Plan. The plans proposed through AM-01 appear in conflict with the DWR Regulations, because inflow from the two 18-inch ADS pipes will be impounded in the reservoir and inflow will have an evaporative consumptive use. Pursuant to Rule 3.1.6(1), the Operator must demonstrate compliance with Colorado water allocation laws. Please revise the Permanent Plan to demonstrate how compliance with DWR and Rule 3.1.6(1) will occur.

- 5) Please provide proof of the local newspaper publications required by Rule 1.6.5. Proof of publication may consist of either a copy of the last newspaper publication that includes the date published, or a notarized statement from the newspaper.

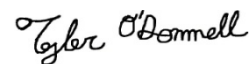
2/29/2015

- 6) Please provide proof of mailing or serving a copy of the public newspaper notice, to all owners of record of the surface and mineral rights of the affected land; and the owners of record of all land surface within 200 feet of the boundary of the affected lands, as required by Rule 1.6.2(1)(e).
- 7) Pursuant to Rule 1.6.2(2), please demonstrate that the Applicant's response to these adequacy issues have been placed with the application materials previously placed with the County Clerk or Records Office, and made available for public review.

Please respond to these adequacy issues no later than March 22, 2016, to ensure ample time for the Division to complete its review prior to its decision deadline. The decision deadline on AM-01 is March 29, 2016. If additional time is required to respond to these adequacy issues please submit a written request for extension of the review period. The Division reserves the right to further supplement this document with additional adequacy issues and details as necessary.

If you need additional information please contact me at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203, by telephone at 303-866-3567, extension 8131, or by email at Tyler.ODonnell@state.co.us.

Sincerely,



Tyler O'Donnell
Environmental Protection Specialist

CERTIFIED MAIL NO. 7014 0150 0000 9138 7574
Return Receipt Requested

Enclosure: Comment Letter from the Colorado Division of Water Resources
2005 Annual Report

cc: Wally Erickson, DRMS



COLORADO
Division of Water Resources
Department of Natural Resources

1313 Sherman Street, Room 821
Denver, CO 80203

Response to Reclamation Permit Amendment Application Consideration

DATE: January 13, 2016
TO: Tyler V. O'Donnell, Environmental Protection Specialist
CC: Division 1 Office, District 2 Water Commissioner
FROM: Ioana Comaniciu, P.E.
RE: Hazeltine Mine, File No. M-2004-031
Operator: Aggregate Industries-WCR, Inc.
Contact: Connie N. Davis, (970) 396-5252
Section 9, Twp 2 South, Rng 67 West, 6th P.M., Adams County

COMMENTS: Aggregate Industries-WCR, Inc. requested an amendment (AM01) to the application for Hazeltine Mine, Permit no. M2004-031. The purpose of this amendment is to incorporate a permanent ground water mounding mitigation plan into the final reclamation of the site. A soil-bentonite slurry wall keyed into the bedrock was constructed around the perimeter of the Hazeltine Mine. The installation of the slurry wall caused ground water mounding into an adjacent property, known as Orr property. The operator is proposing to construct a permanent drain to reduce ground water levels from Orr property into the Hazeltine Mine Pit. The propose system will be a gravity system where partial flows from the Bull Seep and groundwater seepage will be diverted through the mine and from there conveyed back to Bull Seep and the South Platte River.

The final use of the Hazeltine Mine is a water storage reservoir owned and operated by the City of Thornton. According to our records a 90-day leak test for this reservoir started on December 9, 2015. This office has no objection to the amendment request, provided all inflows and outflows of the water through the reservoir from the drain system are properly accounted for. All water pumped from the drain shall not be used for any beneficial purposes and must be discharge to the stream system without consumptive use. Water shall not be impounded in the reservoir except pursuant to lawful diversions allowed by statute or decree. At all other times, all inflow of water into the reservoir from any source, including precipitation, ground water inflows and drain water shall be removed to prevent illegal storage of water. The owner or operator will need to coordinate with Brent Schantz, River Operations Coordinator, to review operations, measurement structures, and accounting.

The applicant may contact the State Engineer's Office with any questions.



bmk

mbl

✓ **ANNUAL FEE and REPORT REQUEST**

PERMITTEE NAME: ✓ Aggregate Industries - WCR, Inc.
PERMIT NO.: ✓ M-2004-031
OPERATION NAME: Hazeltine Mine
ANNIVERSARY DATE: September 27, 2005
ANNUAL FEE DUE: \$688.00 (Due on or before your anniversary date)
COUNTY: Adams

RECEIVED

✓ MAY 09 2006

✓ Division of Minerals and Geology

According to C.R.S. 34-32.5-116 or C.R.S. 34-32-116, each year, on the anniversary date of the permit, an operator shall submit the annual fee, a report and map showing the extent of current disturbances to affected land, reclamation accomplished to date and during the preceding year, new disturbances that are anticipated to occur during the upcoming year, reclamation that will be performed during the coming year, the dates for the beginning of active operations, and the date active operations ceased for the year, if any.

Please attach your revised written annual report and annual report map to this form. Please note that an adequately labeled map that clearly delineates and includes the above elements may suffice for a written report.

Division records indicate the following permittee contact information. Please verify and make any necessary changes:

Permittee Contact: ~~Mike Refer~~
Permittee Name: Aggregate Industries - WCR, Inc.
Address: 1707 Cole Blvd., Ste. 100

Golden, CO 80401

Connie Davis ✓Phone Number: ~~(303) 985-1070~~(970) 353-2005 ✓

Fax Number:

(970) 378-6856

If you have additional comments and/or information that should be provided to the Division, please provide it below or attach it to this form along with your written report and map. Annual Report instructions are enclosed.

Connie N. Davis
Signature of Corporate Officer, Owner, or Designee

5-7-06
Date

mar

AF&RPT

bmk

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED - NO. 7005 1820 0006 1123 0336**

May 6, 2006

RECEIVED

MAY 09 2006



Mr. Jim Dupler
Division of Minerals and Geology
1313 Sherman Street, Room 215
Denver, CO 80203

Division of Minerals and Geology

Re: Permit No. M-2004-031 - Hazeltine Mine - 112c Annual Report and Map

Dear Jim:

On September 13, 2005, Check No. 55326 in the amount of \$688.00 was mailed to your office for the annual fee for the above-referenced permit, together with our cover letter advising that the annual report and map would follow at a later date. The annual report form and map are enclosed herewith, together with copies of monitoring well data collected through September 1, 2005.

Activity associated with this operation during the permit year ended September 27, 2005 included construction of the slurry wall, construction of the relocated Bull Seep ditch, development of the settling pond, and commencement of mining as noted on the enclosed map. The relocated Bull Seep ditch was also seeded during the permit year. During the 2005-2006 permit year, mining will continue to the east and south of the current mining area.

If you need clarification or additional information regarding the annual report, please contact me at (970) 336-6526.

Very truly yours,

Connie Nickle Davis
Land Resources Assistant

Enclosures

cc: Aggregate Industries - WCR, Inc. - File

Aggregate Industries
West Central Region, Inc.
1707 Cole Blvd., Suite 100
Golden, CO 80401

Telephone: 303-985-1070

An Equal Opportunity Employer

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MAY 09 2006

GROUNDWATER OBSERVATION DATA SHEETS

HAZELTINE

Aggregate Industries

Division of Minerals and Geology

WELL NUMBER MW-13B

PERMIT NUMBER 255792

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	12:40	5.59	5039.48	5036.82	5033.89	2.93		
03/11/04	9:06	4.80	5039.48	5036.82	5034.68	2.14		
04/06/04	14:23	5.85	5039.48	5036.82	5033.63	3.19		
05/06/04	9:07	6.00	5039.48	5036.82	5033.48	3.34		
06/07/04	3:45	5.80	5039.48	5036.82	5033.68	3.14		
07/09/04	14:00	6.00	5039.48	5036.82	5033.48	3.34		
08/05/04	16:16	5.60	5039.48	5036.82	5033.88	2.94		
09/08/04	10:48	4.80	5039.48	5036.82	5034.68	2.14		
10/13/04	13:41	5.00	5039.48	5036.82	5034.48	2.34		
11/02/04	10:58	4.90	5039.48	5036.82	5034.58	2.24		
12/01/04		3.00	5039.48	5036.82	5036.48	-3.00		Unable to measure. Per Steve Sands, apx 3' of water standing around this & MW-13A & 1' around MW12. These are in vicinity of Bull Seep, which Steve said had a lot of water running in it. It had snowed previous weekend. Possible that water has been diverted from Fulton into Bull Seep?
01/04/05	15:06	2.80	5039.48	5036.82	5036.68	0.14		Snow, 15°; 3' water around well
02/04/05	8:31	2.00	5039.48	5036.82	5037.48	-0.66	3.59	Sun, 35°; 3.5' water around well
03/03/05	13:15	2.00	5039.48	5036.82	5037.48	-0.66	2.80	Sun, 50°; 3.5' water around well
04/04/05	14:08	1.80	5039.48	5036.82	5037.68	-0.86	4.05	Sun, 50°; 3.5' water around well
5/2/2005		2.00	5039.48	5036.82	5037.48	-0.66	4.00	Sun, 50°; 2.0' water around well
6/7/2005	16:11	2.90	5039.48	5036.82	5036.58	0.24	2.90	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
7/5/2005	15:52		5039.48	5036.82			#VALUE!	Sunny, hot; inaccessible--standing water 30' from well
8/5/2005	12:05		5039.48	5036.82				Sunny, hot; inaccessible--standing water 30' from well
9/1/2005			5039.48	5036.82				Sun, 70°; inaccessible--standing water 30' from well

GROUNDWATER OBSERVATION DATA SHEETS HAZELTINE

Aggregate Industries

WELL NUMBER MW-13A

PERMIT NUMBER 255791

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	12:39	4.45	5039.53	5036.77	5035.08	1.69		
03/11/04	9:04	5.00	5039.53	5036.77	5034.53	2.24		
04/06/04	14:22	6.65	5039.53	5036.77	5032.88	3.89		
05/06/04	9:06	7.00	5039.53	5036.77	5032.53	4.24		
06/07/04	3:43	6.90	5039.53	5036.77	5032.63	4.14		
07/09/04	14:02	6.00	5039.53	5036.77	5033.63	3.24		
08/05/04	16:15	7.20	5039.53	5036.77	5032.33	4.44		
09/08/04	10:45	5.50	5039.53	5036.77	5034.03	2.74		
10/13/04	13:40	6.20	5039.53	5036.77	5033.33	3.44		
11/02/04	10:55	5.80	5039.53	5036.77	5033.73	3.04		
12/01/04		3.00	5039.53	5036.77	5039.77	-3.00		Unable to measure. Per Steve Sands, apx 3' of water standing around this & MW-13B & 1' around MW12. These are in vicinity of Bull Seep, which Steve said had a lot of water running in it. It had snowed previous weekend. Possible that water has been diverted from Fulton into Bull Seep?
01/04/05	15:05	2.80	5039.53	5036.77	5039.57	-2.80		Snow, 15", 3' water around well
02/04/05	8:30	2.00	5039.53	5036.77	5037.53	-0.76	2.45	Sun, 35", 3.5' water around well
03/03/05	13:10	2.00	5039.53	5036.77	5037.53	-0.76	3.00	Sun, 50", 3.5' water around well
04/04/05	14:07	1.80	5039.53	5036.77	5037.73	-0.96	4.85	Sun, 50", 3.0' water around well
05/02/05		2.00	5039.53	5036.77	5037.53	-0.76	5.00	Sun, 50", 2.0' water around well
06/07/05	16:10	3.00	5039.53	5036.77	5036.53	0.24	3.90	Sun, 60", slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 5/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 5/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
7/5/2005	15:50		5039.53	5036.77			#VALUE!	Sunny, hot; inaccessible--standing water 30' from well
8/5/2005	12:05		5039.53	5036.77				Sunny, hot; inaccessible--standing water 30' from well
9/1/2005			5039.53	5036.77				Sun, 70", inaccessible--standing water 30' from well

GROUNDWATER OBSERVATION DATA SHEETS

HAZELTINE

Aggregate Industries

WELL NUMBER MW-12

PERMIT NUMBER 255789

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	12:43	4.59	5040.83	5037.90	5036.24	1.66		
03/11/04	8:59	4.95	5040.83	5037.90	5035.88	2.02		
04/06/04	14:20	5.65	5040.83	5037.90	5035.18	2.72		
05/06/04	9:05	6.00	5040.83	5037.90	5034.83	3.07		
06/07/04	9:07	5.75	5040.83	5037.90	5035.08	2.82		
07/09/04	13:55	5.00	5040.83	5037.90	5035.83	2.07		
08/05/04	16:10	5.80	5040.83	5037.90	5035.03	2.87		
09/08/04	10:40	4.50	5040.83	5037.90	5036.33	1.57		
10/13/04	13:35	5.50	5040.83	5037.90	5035.33	2.57		
11/02/04	10:50	5.00	5040.83	5037.90	5035.83	2.07		
Per Steve Sands, apx 1' of water standing around pipe, this & MW-13A & B are in vicinity of Bull Seep, which Steve said had a lot of water running in it. It had snowed previous weekend. Possible that water has been diverted from Fulton into Bull Seep?								
12/01/04	14:11	2.90	5040.83	5037.90	5037.93	-0.03		Snow, 15°, 1' water around well
01/04/05	14:38	3.10	5040.83	5037.90	5037.73	0.17		Sun, 35°, 1' water around well
02/04/05	8:20	2.80	5040.83	5037.90	5038.03	-0.13	1.79	Sun, 50°, 1' water around well
03/03/05	13:08	2.70	5040.83	5037.90	5038.13	-0.23	2.25	Sun, 50°, 1' water around well
04/04/05	14:05	2.60	5040.83	5037.90	5038.23	-0.33	3.05	Sun, 50°, 1' water around well
05/02/05	14:20	3.00	5040.83	5037.90	5037.83	0.07	3.00	Sun, 50°, 1' water around well
Sun, 60°, slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.								
6/7/2005	16:03	3.50	5040.83	5037.90	5037.33	0.57	2.25	Sunny, hot; in relocated Bull Seep flow.
7/5/2005	15:47	2.10	5040.83	5037.90	5038.73	-0.83	2.90	Sunny, hot; in relocated Bull Seep flow.
8/5/2005	12:00	2.80	5040.83	5037.90	5038.03	-0.13	3.00	Sunny, hot; in relocated Bull Seep flow.
9/1/2005	7:45	2.30	5040.83	5037.90	5038.53	-0.63	2.20	Sun, 70°, in relocated Bull Seep flow.

GROUNDWATER OBSERVATION DATA SHEETS									
HAZELTINE									
Aggregate Industries									
WELL NUMBER MW-11A									
PERMIT NUMBER 255782									
Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes	
02/16/04	12:29	4.28	5042.60	5039.59	5038.32	1.27			
03/11/04	8:54	4.15	5042.60	5039.59	5038.45	1.14			
04/06/04	14:17	4.30	5042.60	5039.59	5038.30	1.29			
05/06/04	9:02	4.30	5042.60	5039.59	5038.30	1.29			
06/07/04	3:31	4.50	5042.60	5039.59	5038.10	1.49			
07/09/04	13:50	4.00	5042.60	5039.59	5038.60	0.99			
08/05/04	16:05	4.60	5042.60	5039.59	5038.00	1.59			
09/08/04	10:35	3.00	5042.60	5039.59	5039.60	-0.01			
10/13/04	13:30	4.00	5042.60	5039.59	5038.60	0.99			
11/02/04	10:45	4.00	5042.60	5039.59	5038.60	0.99			
12/01/04	14:07	3.10	5042.60	5039.59	5039.50	0.09			
01/04/05	14:33	3.50	5042.60	5039.59	5039.10	0.49		Snow, 15°	
02/04/05	8:05	3.30	5042.60	5039.59	5039.30	0.29	0.98	Sun, 35°	
03/03/05	12:56	3.00	5042.60	5039.59	5039.60	-0.01	1.15	Sun, 50°	
04/04/05	13:55	3.00	5042.60	5039.59	5039.60	-0.01	1.30	Sun, 50°	
05/02/05	13:31	3.40	5042.60	5039.59	5039.20	0.39	0.90	Sun, 50°	
6/8/2005	10:51	2.80	5042.60	5039.59	5039.80	-0.21	1.70	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.	
7/5/2005	15:42	2.80	5042.60	5039.59	5039.80	-0.21	1.20	Sunny, hot; in relocated Bull Seep flow.	
8/5/2005	11:55	2.70	5042.60	5039.59	5039.90	-0.31	1.90	Sunny, hot; in relocated Bull Seep flow.	
9/1/2005	7:42	2.40	5042.60	5039.59	5040.20	-0.61	0.60	Sun, 70°; in relocated Bull Seep flow.	

GROUNDWATER OBSERVATION DATA SHEETS									
HAZELTINE									
Aggregate Industries									
WELL NUMBER MW-11B									
PERMIT NUMBER 255780									
Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes	
02/16/04	12:30	5.75	5042.22	5039.51	5036.47	3.04		QC originally showed time as 5:56. Per Steve Sands, correct time was 8:56.	
03/11/04	8:56	5.80	5042.22	5039.51	5036.42	3.09			
04/06/04	14:15	6.65	5042.22	5039.51	5035.57	3.94			
05/06/04	9:00	6.70	5042.22	5039.51	5035.52	3.99			
06/07/04	3:33	6.80	5042.22	5039.51	5035.42	4.09			
07/09/04	13:52	5.80	5042.22	5039.51	5036.42	3.09			
08/05/04	16:08	6.60	5042.22	5039.51	5035.62	3.83			
09/08/04	10:38	5.00	5042.22	5039.51	5037.22	2.29			
10/13/04	13:32	6.00	5042.22	5039.51	5036.22	3.29			
11/02/04	10:48	6.30	5042.22	5039.51	5035.92	3.59			
12/01/04	14:10	4.00	5042.22	5039.51	5038.22	1.29			
01/04/05	14:35	4.60	5042.22	5039.51	5037.62	1.89		Snow, 15°	
02/04/05	8:07	4.00	5042.22	5039.51	5038.22	1.29	1.75	Sun, 35°	
03/03/05	12:58	3.50	5042.22	5039.51	5038.72	0.79	2.30	Sun, 50°	
04/04/05	13:54	4.00	5042.22	5039.51	5038.22	1.29	2.65	Sun, 50°	
05/02/05	13:32	4.10	5042.22	5039.51	5038.12	1.39	2.60	Sun, 50°	
06/08/05	10:53	3.00	5042.22	5039.51	5039.22	0.29	3.80	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.	
07/05/05	15:43	2.80	5042.22	5039.51	5039.42	0.09	3.00	Sunny, hot; in relocated Bull Seep flow.	
08/05/05	11:56	2.70	5042.22	5039.51	5039.52	-0.01	3.90	Sunny, hot; in relocated Bull Seep flow.	
09/01/05	7:43	2.40	5042.22	5039.51	5039.82	-0.31	2.60	Sun, 70°; in relocated Bull Seep flow.	

GROUNDWATER OBSERVATION DATA SHEETS

Aggregate Industries

HAZELTINE

WELL NUMBER MW-10

PERMIT NUMBER 255787

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	13:24	9.07	5047.43	5044.56	5038.36	6.20		
03/11/04	8:00	8.75	5047.43	5044.56	5038.68	5.88		
04/06/04	15:25	8.85	5047.43	5044.56	5038.58	5.98		
05/06/04	8:20	9.15	5047.43	5044.56	5038.28	6.28		
06/07/04	3:03	8.90	5047.43	5044.56	5038.53	6.03		
07/09/04	13:00	8.70	5047.43	5044.56	5038.73	5.83		
08/05/04	15:20	8.60	5047.43	5044.56	5038.63	5.73		
09/08/04	9:40	5.80	5047.43	5044.56	5041.63	2.93		
10/13/04	14:40	8.50	5047.43	5044.56	5038.93	5.63		
11/02/04	10:15	8.50	5047.43	5044.56	5038.93	5.63		
12/01/04	15:10	8.90	5047.43	5044.56	5038.53	6.03		
01/04/05	15:15	9.20	5047.43	5044.56	5038.23	6.33		Snow, 15°
02/04/05	7:20	9.20	5047.43	5044.56	5038.23	6.33	(0.13)	Sun, 35°
03/03/05	13:50	8.40	5047.43	5044.56	5039.03	5.53	0.35	Sun, 50°
04/04/05	14:35	8.40	5047.43	5044.56	5039.03	5.53	0.45	Sun, 50°
05/02/05	14:55	7.00	5047.43	5044.56	5040.43	4.13	2.15	Sun, 50°
6/7/2005	15:43	6.70	5047.43	5044.56	5040.73	3.83	2.20	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
7/5/2005	9:36	7.80	5047.43	5044.56	5039.63	4.93	0.90	Sunny, hot.
8/5/2005	11:26	6.50	5047.43	5044.56	5040.93	3.63	2.10	Sunny, hot.
9/1/2005	8:10	7.70	5047.43	5044.56	5039.73	4.83	(1.90)	Sun, 70°

GROUNDWATER OBSERVATION DATA SHEETS
HAZELTINE

Aggregate Industries

WELL NUMBER MW-9

PERMIT NUMBER 265706

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	13:30	11.38	5048.15	5045.25	5036.77	8.48		
03/11/04	8:10	11.20	5048.15	5045.25	5036.95	8.30		
04/06/04	15:20	11.30	5048.15	5045.25	5036.85	8.40		
05/06/04	8:30	11.40	5048.15	5045.25	5036.75	8.50		
06/07/04	14:43	11.00	5048.15	5045.25	5037.15	8.10		
07/09/04	13:08	11.00	5048.15	5045.25	5037.15	8.10		
08/05/04	15:30	11.20	5048.15	5045.25	5036.95	8.30		
09/08/04	9:45	11.00	5048.15	5045.25	5037.15	8.10		
10/13/04	14:30	10.90	5048.15	5045.25	5037.25	8.00		
11/02/04	10:20	10.80	5048.15	5045.25	5037.35	7.90		
12/01/04	15:00	11.10	5048.15	5045.25	5037.05	8.20		Snow, 15°
01/04/05	15:10	11.40	5048.15	5045.25	5036.75	8.50		Sun, 35°; water in ditch
02/04/05	7:30	11.40	5048.15	5045.25	5036.75	8.50	(0.02)	Sun, 50°; water in ditch
03/03/05	13:45	10.60	5048.15	5045.25	5037.55	7.70	0.60	Sun, 50°
04/04/05	14:30	10.90	5048.15	5045.25	5037.25	8.00	0.40	Sun, 50°
5/2/2005	14:50	9.40	5048.15	5045.25	5038.75	6.50	2.00	Sun, 50°
6/7/2005	15:35	9.00	5048.15	5045.25	5039.15	6.10	2.00	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
7/5/2005	16:10	10.10	5048.15	5045.25	5038.05	7.20	0.90	Sunny, hot.
8/5/2005	12:20	10.60	5048.15	5045.25	5037.55	7.70	0.60	Sunny, hot.
9/1/2005	8:00	10.30	5048.15	5045.25	5037.85	7.40	0.70	Sun, 70°

GROUNDWATER OBSERVATION DATA SHEETS
HAZELTINE

Aggregate Industries

WELL NUMBER MW-3

PERMIT NUMBER 255785

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	13:35	12.64	5045.97	5043.15	5033.33	9.82		
03/11/04	8:15	12.64	5045.97	5043.15	5033.33	9.82		
04/06/04	15:14	12.85	5045.97	5043.15	5033.12	10.03		
05/06/04	8:35	12.60	5045.97	5043.15	5033.37	9.78		
06/07/04	2:48	12.00	5045.97	5043.15	5033.97	9.18		
07/09/04	13:15	12.00	5045.97	5043.15	5033.97	9.18		
08/05/04	15:35	12.10	5045.97	5043.15	5033.87	9.28		
09/08/04	9:50	12.20	5045.97	5043.15	5033.77	9.38		
10/13/04	14:20	11.50	5045.97	5043.15	5034.47	8.68		
11/02/04	10:25	12.00	5045.97	5043.15	5033.97	9.18		
12/01/04	14:50	12.30	5045.97	5043.15	5033.67	9.48		
01/04/05	15:05	12.70	5045.97	5043.15	5033.27	9.88		Snow, 15°
02/04/05	7:35	12.20	5045.97	5043.15	5033.77	9.38	0.44	Sun, 35°
03/03/05	13:40	10.90	5045.97	5043.15	5035.07	8.08	1.74	Sun, 50°
04/04/05	14:25	11.30	5045.97	5043.15	5034.67	8.48	1.55	Sun, 50°
05/02/05	14:46	9.80	5045.97	5043.15	5036.17	6.98	2.80	Sun, 50°
06/07/05	15:47	9.50	5045.97	5043.15	5036.47	6.68	2.50	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
07/05/05	16:06	10.30	5045.97	5043.15	5035.67	7.48	1.70	Sunny, hot.
8/5/2005	12:13	10.00	5045.97	5043.15	5035.97	7.18	2.10	Sunny, hot.
9/1/2005	7:54	11.00	5045.97	5043.15	5034.97	8.18	1.20	Sun, 70°

GROUNDWATER OBSERVATION DATA SHEETS

HAZELTINE

Aggregate Industries

WELL NUMBER MW-7

PERMIT NUMBER 255784

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	13:41	14.92	5041.75	5038.73	5026.83	11.90		Bull seep full
03/11/04	8:22	15.55	5041.75	5038.73	5026.20	12.53		
04/06/04	15:07	16.30	5041.75	5038.73	5025.45	13.28		
05/06/04	8:40	16.60	5041.75	5038.73	5025.15	13.58		
06/07/04	2:53	16.70	5041.75	5038.73	5025.05	13.68		
07/09/04	13:20	16.00	5041.75	5038.73	5025.75	12.98		
08/05/04	15:40	16.80	5041.75	5038.73	5024.95	13.78		
09/08/04	10:00	15.80	5041.75	5038.73	5025.95	12.78		
10/13/04	14:15	16.00	5041.75	5038.73	5025.75	12.98		
11/02/04	10:30	16.40	5041.75	5038.73	5025.35	13.38		
12/01/04	14:45	13.80	5041.75	5038.73	5027.95	10.78		
01/04/05	15:00	14.50	5041.75	5038.73	5027.25	11.48		Snow, 15°
02/04/05	7:40	13.40	5041.75	5038.73	5028.35	10.38	1.52	Sun, 35°
03/03/05	13:33	8.50	5041.75	5038.73	5033.25	5.48	7.05	Sun, 50°, ditch full
04/04/05	14:21	8.40	5041.75	5038.73	5033.35	5.38	7.90	Sun, 50°
05/02/05	14:42	10.80	5041.75	5038.73	5030.95	7.78	5.80	Sun, 50°
6/7/2005	15:52	12.40						Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
7/5/2005	16:00	12.70	5041.75	5038.73	5029.35	9.38	4.30	Sunny, hot.
8/5/2005	12:10	12.80	5041.75	5038.73	5028.95	9.78	4.00	Sunny, hot.
9/1/2005	7:50	12.70	5041.75	5038.73	5029.05	9.68	3.10	Sun, 70°

GROUNDWATER OBSERVATION DATA SHEETS

HAZELTINE

Aggregate Industries

WELL NUMBER MW-6B

PERMIT NUMBER 265781

Date	Time	Depth Measured (PVC Rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	12:36	4.44	5042.00	5039.28	5037.56	1.72		
03/11/04	9:11	4.55	5042.00	5039.28	5037.45	1.83		Fulton full
04/08/04	14:32	5.10	5042.00	5039.28	5036.90	2.38		Fulton full
05/06/04	9:11	5.25	5042.00	5039.28	5036.75	2.53		Fulton full
06/07/04	3:50	5.20	5042.00	5039.28	5036.80	2.48		
07/09/04	14:12	4.40	5042.00	5039.28	5037.60	1.68		
08/05/04	16:30	5.60	5042.00	5039.28	5036.40	2.88		
09/08/04	10:50	4.00	5042.00	5039.28	5038.00	1.28		
10/13/04	13:53	4.40	5042.00	5039.28	5037.60	1.68		
11/02/04	11:00	4.80	5042.00	5039.28	5037.20	2.08		
12/01/04	14:25	3.50	5042.00	5039.28	5038.50	0.78		
01/04/05	14:44	3.40	5042.00	5039.28	5038.60	0.68		Snow, 15°
02/04/05	8:17	3.10	5042.00	5039.28	5038.90	0.38	1.34	Sun, 35°
03/03/05	13:06	3.00	5042.00	5039.28	5039.00	0.28	1.55	Sun, 50°
04/04/05	14:00	3.20	5042.00	5039.28	5038.80	0.48	1.90	Sun, 50°
05/02/05	14:24	3.40	5042.00	5039.28	5038.60	0.68	1.85	Sun, 50°
6/7/2005	15:27	3.50	5042.00	5039.28	5038.50	0.78	1.70	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
7/6/2005	9:30	2.80	5042.00	5039.28	5039.20	0.08	1.60	Sunny, hot; standing water around well.
8/5/2005	11:44	2.80	5042.00	5039.28	5039.20	0.08	2.80	Sunny, hot; standing water around well.
9/1/2005	8:43	2.80	5042.00	5039.28	5039.20	0.08	1.20	Sun, 70°; standing water around well

GROUNDWATER OBSERVATION DATA SHEETS

HAZELTINE

Aggregate Industries

WELL NUMBER MW-6

PERMIT NUMBER 255780

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/18/04	12:35	4.36	5041.79	5039.23	5037.43	1.80		
03/11/04	9:10	4.42	5041.79	5039.23	5037.37	1.86		Fulton Full
04/06/04	14:30	4.95	5041.79	5039.23	5036.84	2.39		Fulton Full
05/06/04	9:10	5.30	5041.79	5039.23	5036.49	2.74		Fulton Full
06/07/04	3:48	5.00	5041.79	5039.23	5036.79	2.44		
07/09/04	14:10	4.60	5041.79	5039.23	5037.19	2.04		
08/05/04	16:30	5.00	5041.79	5039.23	5036.79	2.44		
09/08/04	10:52	4.20	5041.79	5039.23	5037.59	1.64		
10/13/04	13:50	4.70	5041.79	5039.23	5037.09	2.14		
11/02/04	11:03	4.60	5041.79	5039.23	5037.19	2.04		
12/01/04	14:20	3.00	5041.79	5039.23	5038.79	0.44		
01/04/05	2:42	3.60	5041.79	5039.23	5038.19	1.04		Snow, 15°
02/04/05	8:15	3.30	5041.79	5039.23	5038.49	0.74	1.03	Sun, 35°
03/03/05	13:05	3.00	5041.79	5039.23	5038.79	0.44	1.42	Sun, 50°
04/04/05	13:59	3.10	5041.79	5039.23	5038.69	0.54	1.85	Sun, 50°
5/2/2005	14:23	3.20	5041.79	5039.23	5038.59	0.64	2.10	Sun, 50°
6/7/2005	15:25	3.30	5041.79	5039.23	5038.49	0.74	1.70	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
7/6/2005	9:28	2.90	5041.79	5039.23	5038.89	0.34	1.70	Sunny, hot; standing water around well
8/5/2005	11:43	2.80	5041.79	5039.23	5038.99	0.24	2.20	Sunny, hot; standing water around well
9/1/2005	6:44	2.80	5041.79	5039.23	5038.99	0.24	1.40	Sun, 70°; standing water around well

GROUNDWATER OBSERVATION DATA SHEETS

HAZELTINE

Aggregate Industries

WELL NUMBER MW-5

PERMIT NUMBER 25577B

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	14:25	13.72	5054.83	5052.18	5041.11	11.07		
03/11/04	9:27	13.60	5054.83	5052.18	5041.23	10.95		
04/08/04	13:55	13.40	5054.83	5052.18	5041.43	10.75		
05/06/04	9:40	13.80	5054.83	5052.18	5041.03	11.15		
06/07/04	4:12	13.30	5054.83	5052.18	5041.53	10.65		
07/09/04	14:25	13.40	5054.83	5052.18	5041.43	10.75		
08/05/04	16:45	13.50	5054.83	5052.18	5041.33	10.85		
09/08/04	11:15	13.40	5054.83	5052.18	5041.43	10.75		
10/13/04	13:05	13.20	5054.83	5052.18	5041.63	10.55		
11/02/04	11:20	13.50	5054.83	5052.18	5041.33	10.85		
12/01/04	13:50	13.50	5054.83	5052.18	5041.33	10.85		
01/05/05	10:15	13.80	5054.83	5052.18	5041.03	11.15		Snow, 15°
02/02/05	15:25	13.50	5054.83	5052.18	5041.33	10.85	0.22	Sun, 35°
03/03/05	12:34	13.70	5054.83	5052.18	5041.13	11.05	(0.10)	Sun, 50°
04/04/05	13:41	13.10	5054.83	5052.18	5041.73	10.45	0.30	Sun, 50°
05/02/05	14:08	13.20	5054.83	5052.18	5041.63	10.55	0.00	Sun, 50°
06/07/05	14:55	13.00	5054.83	5052.18	5041.83	10.35	0.30	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
07/05/05	15:18	12.50	5054.83	5052.18	5042.33	9.85	0.90	Sunny, hot.
08/05/05	11:04	12.80	5054.83	5052.18	5042.03	10.15	0.70	Sunny, hot
09/01/05	7:14	12.80	5054.83	5052.18	5042.03	10.15	0.60	Sun, 70°

GROUNDWATER OBSERVATION DATA SHEETS

HAZELTINE

Aggregate Industries

WELL NUMBER MW-4

PERMIT NUMBER 255777

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	14:22	15.37	5056.79	5053.95	5041.42	12.53		
03/11/04	9:25	15.35	5056.79	5053.95	5041.44	12.51		Snowing
04/06/04	14:00	15.35	5056.79	5053.95	5041.44	12.51		
05/06/04	9:43	15.50	5056.79	5053.95	5041.29	12.66		
06/07/04	4:15	15.35	5056.79	5053.95	5041.44	12.51		
07/09/04	14:30	15.20	5056.79	5053.95	5041.59	12.36		
08/05/04	16:50	15.50	5056.79	5053.95	5041.29	12.66		
09/08/04	11:20	15.00	5056.79	5053.95	5041.79	12.16		
10/13/04	13:10	15.10	5056.79	5053.95	5041.59	12.26		
11/02/04	11:25	15.40	5056.79	5053.95	5041.39	12.56		
12/01/04	14:00	15.10	5056.79	5053.95	5041.69	12.26		
01/05/05	10:17	15.20	5056.79	5053.95	5041.59	12.36		Snow, 15°
02/02/05	15:27	15.20	5056.79	5053.95	5041.59	12.36	0.17	Sun, 35°
03/03/05	12:44	15.00	5056.79	5053.95	5041.79	12.16	0.35	Sun, 50°
04/04/05	13:43	14.80	5056.79	5053.95	5041.99	11.96	0.55	Sun, 50°
05/02/05	14:10	14.70	5056.79	5053.95	5042.09	11.66	0.80	Sun, 50°
6/7/2005	15:02	14.70	5056.79	5053.95	5042.09	11.86	0.65	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
7/5/2005	15:20	14.10	5056.79	5053.95	5042.69	11.26	1.10	Sunny, hot.
8/5/2005	11:07	14.00	5056.79	5053.95	5042.79	11.16	1.50	Sunny, hot
9/1/2005	7:16	14.40	5056.79	5053.95	5042.39	11.56	0.60	Sun, 70°

GROUNDWATER OBSERVATION DATA SHEETS
HAZELTINE

Aggregate Industries

WELL NUMBER MW-3

PERMIT NUMBER 255776

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
2/18/04	14:20	13.85	5051.25	5048.27	5037.40	10.87		
3/11/04	9:22	14.00	5051.25	5048.27	5037.25	11.02		
4/6/04	13:50	14.65	5051.25	5048.27	5036.60	11.67		
5/6/04	9:35	14.10	5051.25	5048.27	5037.15	11.12		
6/7/04	4:08	14.90	5051.25	5048.27	5036.35	11.92		
7/9/04	14:20	14.20	5051.25	5048.27	5037.05	11.22		
8/5/04	16:40	14.90	5051.25	5048.27	5036.35	11.92		
9/8/04	11:10	13.60	5051.25	5048.27	5037.45	10.82		
10/13/04	13:00	14.40	5051.25	5048.27	5036.85	11.42		
11/2/04	11:15	13.70	5051.25	5048.27	5037.65	10.72		
12/1/04	13:45	12.40	5051.25	5048.27	5038.85	9.42		
1/5/05	10:10	12.70	5051.25	5048.27	5038.55	9.72		Snow, 15°
2/2/05	15:22	12.40	5051.25	5048.27	5038.85	9.42	1.45	Sun, 35°
3/3/05	12:30	12.00	5051.25	5048.27	5039.25	9.02	2.00	Sun, 50°
4/4/05	13:38	12.30	5051.25	5048.27	5038.95	9.32	2.35	Sun, 50°
5/2/2005	14:05	12.60	5051.25	5048.27	5038.65	9.62	1.50	Sun, 50°
6/7/2005	14:47	12.30	5051.25	5048.27	5038.95	9.32	2.60	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
7/5/2005	15:25	11.40	5051.25	5048.27	5039.85	8.42	2.80	Sunny, hot.
8/5/2005	11:09	11.10	5051.25	5048.27	5040.15	8.12	3.90	Sunny, hot
9/1/2005	7:18	11.90	5051.25	5048.27	5039.35	8.92	1.90	Sun, 70°

GROUNDWATER OBSERVATION DATA SHEETS
HAZELTINE

Aggregate Industries

WELL NUMBER MW-2

PERMIT NUMBER 255775

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	13:50	8.67	5044.34	5041.59	5035.67	5.92		Bull Seep full
03/11/04	8:34	9.10	5044.34	5041.59	5035.24	6.35		
04/06/04	15:00	9.90	5044.34	5041.59	5034.44	7.15		
05/06/04	8:45	10.00	5044.34	5041.59	5034.34	7.25		
06/07/04	3:12	10.25	5044.34	5041.59	5034.09	7.50		
07/09/04	13:25	9.00	5044.34	5041.59	5035.34	6.25		
08/05/04	15:50	10.00	5044.34	5041.59	5034.34	7.25		
09/08/04	10:10	7.70	5044.34	5041.59	5036.64	4.95		
10/13/04	14:05	9.40	5044.34	5041.59	5034.94	6.65		
11/02/04	10:35	7.80	5044.34	5041.59	5036.54	5.05		
12/01/04	14:40	6.50	5044.34	5041.59	5037.84	3.75		
01/04/05	2:53	7.30	5044.34	5041.59	5037.04	4.55		Snow, 15°
02/04/05	7:48	7.20	5044.34	5041.59	5037.14	4.45	1.47	Sun, 35°
03/03/05	13:30	7.30	5044.34	5041.59	5037.04	4.55	1.80	Sun, 50°
04/04/05	14:16	7.00	5044.34	5041.59	5037.34	4.25	2.90	Sun, 50°
5/2/2005	14:37	6.90	5044.34	5041.59	5037.44	4.15	3.10	Sun, 50°
								Sun, 60°; slurry wall installed on E side of property, per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 8/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
6/8/2005	9:45	4.40	5044.34	5041.59	5039.94	1.65	5.85	Sunny, hot
7/5/2005	15:37	4.40	5044.34	5041.59	5039.94	1.65	4.60	Sunny, hot
8/5/2005	11:05	4.30	5044.34	5041.59	5040.04	1.55	5.70	Sunny, hot
9/1/2005	7:37	4.00	5044.34	5041.59	5040.34	1.25	3.70	Sun, 70°

GROUNDWATER OBSERVATION DATA SHEETS

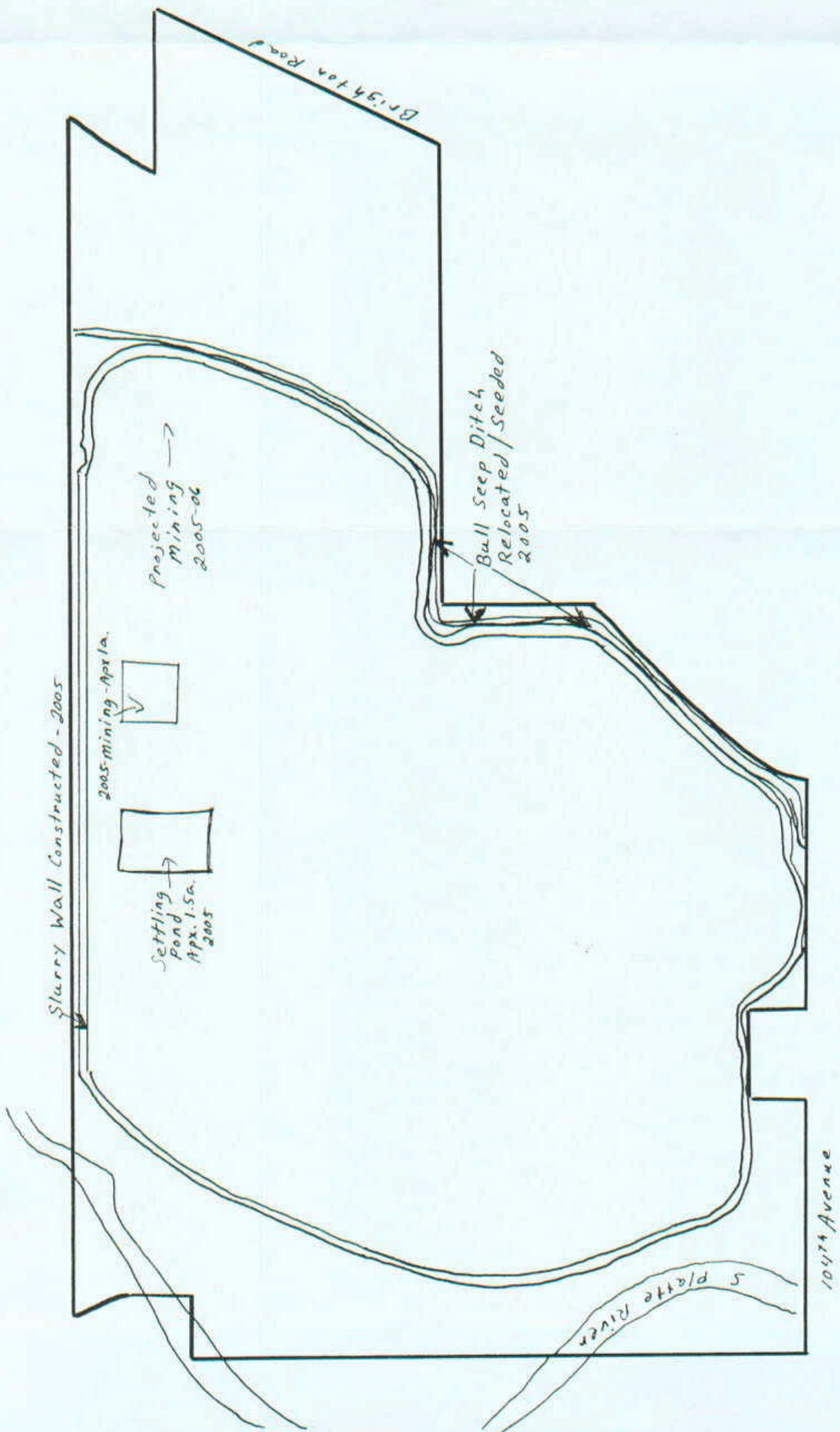
HAZELTINE

Aggregate Industries

WELL NUMBER HZMW-1

PERMIT NUMBER 255774

Date	Time	Depth Measured (PVC rim to water) (ft)	PVC Rim Elevation (ft)	Ground Elevation (ft)	Water Elevation (ft)	Depth Below Original Ground (ft)	Difference from Historic Levels (ft)	Notes
02/16/04	13:55	9.62	5048.07	5045.26	5038.45	6.81		
03/11/04	8:40	9.45	5048.07	5045.26	5038.62	6.84		
04/06/04	14:55	9.45	5048.07	5045.26	5038.62	6.84		
05/06/04	8:50	9.40	5048.07	5045.26	5038.67	6.59		
06/07/04	3:20	9.40	5048.07	5045.26	5038.67	6.59		
07/09/04	12:45	8.80	5048.07	5045.26	5039.27	5.99		
08/05/04	15:55	9.40	5048.07	5045.26	5038.67	6.59		
09/08/04	10:15	7.00	5048.07	5045.26	5041.07	4.19		
10/13/04	14:00	8.80	5048.07	5045.26	5039.27	5.99		
11/02/04	10:40	9.30	5048.07	5045.26	5038.77	6.49		
12/01/04	14:35	8.80	5048.07	5045.26	5039.27	5.99		
01/04/05	14:50	9.30	5048.07	5045.26	5038.77	6.49		Snow, 15°
02/02/05	15:45	9.40	5048.07	5045.26	5038.67	6.59	0.22	Sun, 35°
03/03/05	13:25	8.60	5048.07	5045.26	5039.47	5.79	0.85	Sun, 50°
04/04/05	14:12	8.60	5048.07	5045.26	5039.47	5.79	0.85	Sun, 50°
05/02/05	14:32	7.70	5048.07	5045.26	5040.37	4.89	1.70	Sun, 50°
6/7/2005	15:07	6.60	5048.07	5045.26	5041.47	3.79	2.80	Sun, 60°; slurry wall installed on E side of property; per Nick Silbaugh, construction of relocated Bull Seep started 4/18/05 & completed 5/24/05 & as of 6/9/05 substantial amount of water in relocated ditch due to slurry wall--as of 6/25/05, 8'-wide flat area @ N end of ditch had 4 3/4" water.
7/8/2005	9:15	6.60	5048.07	5045.26	5041.47	3.79	2.20	Sunny, hot
8/5/2005	11:15	6.50	5048.07	5045.26	5041.57	3.69	2.90	Sunny, hot
9/1/2005	8:05	6.50	5048.07	5045.26	5041.57	3.69	0.50	Sun, 70°



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Division of Minerals and Geology

Aggregate Industries-WCR, Inc.

Permit No. M-2004-031
Hazelton Mine

Permit Year Ended
September 27, 2005
(NTS)

