WORTHINGTON MILLER ENVIRONMENTAL, LLC
1027 W. Horsetooth Rd., Ste. 200
Fort Collins, Colorado 80526
970.672.8770

May 10, 2021

Linda Meyer
USEPA Region 10
1200 Sixth Avenue, Suite 155 (ECL-122)
Seattle, Washington 98101

Re: Midnite Mine Monthly Report – April 2021; Midnite Mine Superfund Site, Spokane Indian Reservation, WA, RD/RA Consent Decree, No. CV-05-020-JLQ

Dear Ms. Meyer:

In accordance with the RD/RA Consent Decree (CD) for the Midnite Mine, the following presents the Monthly Report for April 2021. The requirements for the Monthly Report as specified in the CD and the associated Statement of Work (SOW) are quoted, followed by the required information:

a) *Describe the actions which have been taken toward achieving compliance with this Consent Decree during the prior month:*

- <u>Interim Water Treatment Plant and Surface Water Collection System Operation</u>

  → The WTP began seasonal operation in April 2021. The surface water collection system continued to operate as usual.

  → As previously reported, leaks have been discovered in the primary liner in both the East and West Cell of the South Pond. Work occurred in April to dewater and repair the leaks in the East Cell of the South Pond. That work will be completed in May and then the West Cell will be repaired.

- <u>Phase I RD/RA OM&M Plan (including QAPP, HASP)</u>

  → None.

- <u>Sitewide Monitoring Plan (SMP)</u>

  → Surface water samples for the first half of 2021 were taken March 15–23 and April 1, 2021. Groundwater samples for the first half of 2021 were taken April 7-20. Trip Reports for the samples taken in April are included in Attachment 1.

- <u>Residuals Management Plan (RMP) / Sludge Management</u>

  → On May 20, 2014, Revised SOPs for managing residuals at the WTP were submitted to EPA. Comments were received from EPA on June 12, 2014. Responses to comments and revised SOPs were submitted on June 30, 2014.

  → In accordance with the RMP, the off-site rule notification was submitted to EPA on March 3, 2021 for shipment of sludge to the Energy Fuels Facility in Utah. EPA provided notice

on March 25 that the Energy Fuels Facility remained in compliance with the off-site rule through May 24, 2021.

→ As the WTP just began operation, there was no sludge shipped during April.

- Pre-Design Data Needs Report

The following summarizes the open and on-going items related to the Pre-Design Data Needs:

→ A (b) (6) Borrow Area Plan of Operations was submitted to the Tribe on October 9, 2012. Comments were received from the Tribe on August 26, 2013. Responses to these comments were submitted to the Tribe on September 6, 2013. A Revised Plan of Operations (POO) was submitted to the Tribe on November 12, 2013. On February 24, a resolution from the Spokane Tribal Council was received authorizing use of the (b) (6) property with conditions. Additional modifications to the POO including an updated cost estimate were submitted to the Tribe.

→ The POO requires that monitoring wells be installed to determine if the borrow activities are impacting groundwater. A plan to install the wells was submitted to the Tribe and EPA on February 15, 2021 for review and approval. EPA stated that the plan was acceptable and had minor suggestions. This was documented in their letter of February 22. The Tribe approved the work plan in their e-mail dated April 23, 2021.

→ On July 30, 2014, DMC was granted an Administrative Conditional Use Permit (ACUP) with a final decision and determination of non-significance from Stevens County to develop the (b) (6) Borrow Area.

→ Additional permits will be required prior to the development of the resources. The first use of borrow material from the (b) (6) Borrow Area is scheduled for the summer of 2023. It is anticipated that application for the remaining permits will be submitted before December 2021. These permits include:

- Forest Practices Act Permit – WA State DNR
- Mine Reclamation Permit – WA State DNR
- Storm Water NPDES – EPA
- 401 Certification – Tribe

→ As EPA requested, Midnite Mine Western Drainage Alluvial wells pumping rates, water levels, and the updated version of Figure 1 from the testing plan is included in the monthly report as Attachment 2.

→ The fieldwork for Phase I of the Work Plan for Whitetail Creek Sediment Evaluation was completed on August 23, 2013, and the Phase I Data Transmittal Report providing the results and proposed Phase II sampling was submitted on September 6, 2013. Additional information was provided on September 18, 24, and 27th. Upon discussion of the results with EPA, EPA requested that the scope of work for the Phase II investigations be modified from the Work Plan. EPA provided written comments on September 30, 2013. Additional information was provided to EPA on October 9, 2013, documenting the agreed upon modifications. The Phase II field investigation and sampling was conducted the week of

October 14, 2013. The Phase I, Revision 1 Data Transmittal Report, response to EPA comments, and Phase II, Revision 0 Data Transmittal Report were submitted to EPA February 20, 2014. EPA provided comments on the Phase II Report on May 19, 2014. A Revised Phase II report and response to comments was submitted to EPA on June 18, 2014. EPA provided another set of comments on July 24, 2014. A Response to Comments and Revised Phase II report was submitted to EPA on August 25, 2014.

→ The final work plan to investigate the old Man Camp well as a possible water supply source was submitted on June 5, 2013. On October 2 and 3, 2013 a new Water Supply Well for the Midnite Mine was located, drilled and completed for possible use as a potable water supply during remedy implementation. The well was developed on October 4, 2013 using air lift for 3 hours. The well produced 4 to 5 gpm during the entire development process without going dry. The pumping tests and water quality analyses were initiated May 20, 2014, and final laboratory data were received in August 2014. The data evaluation report was submitted to EPA on November 21, 2014. It was requested by EPA on December 2 to resample the well for water quality analyses to include total metals, field parameters and general chemistry. The well was resampled on January 8, 2015, and results were received on January 28, 2015. The updated Man Camp well report with the supplemental data was submitted on February 27, 2015.

→ A work plan for the installation of the additional monitoring wells requested by the Tribe in the lower portion of Blue Creek was submitted on March 3, 2014. Comments were received from EPA on April 9, 2014. A revised work plan and Response to Comments was submitted to EPA on May 9, 2014. Additional comments were received from EPA on May 16. A Revised work plan, QAPP and response to comments were submitted to EPA on May 29, 2014. EPA approved the work on May 30, 2014. The wells were installed in October. A well completion report was submitted on December 1, 2014.

→ A revised Blue Creek and Delta Assessment Work Plan was submitted on August 28, 2020. Comments from EPA were received on January 11, 2021. A meeting was held on January 14, 2021 to discuss the Work Plan and EPA provided an e-mail on February 2, 2021 stating that the Work Plan should include biological components. A revised Work Plan was submitted on March 29, 2021.

- <u>Fencing and Signage Plan</u>

  → The fence inspection resumed in April and the fence inspection report is included as Attachment 3. The October inspection identified area where minor repairs to the fence will be required. These repairs are anticipated to occur in May when conditions allow for safe repair.

- <u>Treatability Test Plan (TTP)</u>

  → A Response to the EPA Pilot Scale Study Comments and Revised Report was submitted to EPA on March 7, 2013.

- Interim Water Treatment Plant Modification

  → On February 1, 2013, modifications were made to the previously approved filter press design to change the location of the press. On February 20, 2013, EPA conditionally approved the design of the filter press. On March 25, 2013, a response was submitted to address the conditions in the approval. On April 4, EPA commented on the radon mitigation measures for the filter press building. Responses to those comments and design modifications were submitted on April 9, 2013. On April 15, 2013, the Work Plan, Quality Assurance Plan and the Health and Safety Plan for the construction of the Filter Press were submitted. Comments on these documents were received on May 7, 2013. Revisions to address the comments were submitted on June 6. Construction of the filter press was initiated in July 2013. A pre-final inspection was conducted by EPA contractors on February 19, 2014. The filter press construction was completed in March. A site inspection was conducted by EPA contractor on May 22, 2014. A final inspection report was received on June 13, 2014. A completion report was submitted on July 11, 2014.

- EPA WQX Database

  → There were no data submitted to WQX database in April.

- Remedial Design

  → As approved by the EPA, the design of the WTP and discharge pipeline was held at the 60% stage pending the ongoing NPDES permitting process. The 90% design for the WTP was submitted on August 27 and the 90% design of the discharge pipeline was submitted on August 29, 2018. EPA provided comments to the 90% design documents on October 9, 2018. The 100% design for the WTP and discharge pipeline was submitted on December 4, 2018. EPA was notified during a meeting on February 5, 2019 that the WTP design was being re-evaluated and additional information would be provided to support the redesign. On April 22, a memorandum entitled "Revised water balance model results for Water Treatment Plant with capacity for 250 gpm continuous operation" was submitted to EPA to support the resizing of the WTP. The annual treatment volumes from 1995 through 2018 were submitted to EPA on May 24 to further support the 250 gpm plant size. Comments on the memorandum were received from EPA on June 10. Responses to those comments and a revised memorandum was submitted on July 10. EPA approved the design change to a treatment flow rate of 250 gpm for the new WTP on July 25. A teleconference meeting with EPA and Tribal representatives was held on May 21, 2020 to discuss alternatives to the pipeline route. A letter was received from the Spokane Tribe on September 10, 2020 in which they supported the consideration of a new alignment of the pipeline route.

  The modified preliminary WTP design was submitted on November 16, 2020. EPA provided comments to the preliminary design on December 15 and 21, 2020. Responses to those comments were sent on January 26, 2021. On February 3, EPA provided notice that the responses to comments on the preliminary design were acceptable. On March 2, 2021 the Final WTP was submitted. EPA provided comments to the Final Design on March 16.

The Pipeline design was submitted on November 18, 2020. It was noted that the submitted pipeline design included the original pipeline route. However, an evaluation of the alternative pipeline route proposed by the Tribe will be conducted and the pipeline design will be modified if the alternative route is chosen. The pipeline design was approved on December 8, 2020.

→ An Institutional Controls and Implementation and Assurance Plan (ICIAP) was submitted to EPA on May 11, 2012. On September 30, 2013, EPA disapproved the plan and provided comments. A response to comments and revised ICIAP was submitted February 20, 2014.

→ On December 10, 2014, EPA submitted a letter outlining additional requirements for determination of wetlands and waters of the US to be in substantive compliance with Section 404 of the Clean Water Act. A meeting was held with EPA on December 18, 2014 to discuss these issues. Preliminary data were submitted via e-mail to EPA to address specific issues outlined in the December 10 letter on January 26, 2015. A more detailed wetlands delineation report was submitted on February 2, 2015. Additional information on the delineation was requested on February 26 and was submitted on March 9, 2015. A conceptual wetlands mitigation plan was submitted on March 16, 2015. A site visit to review wetlands issues occurred on April 14-16, 2015. A revised wetlands delineation report incorporating information from the field trip was submitted on May 8, 2015. A meeting was held on July 16 to discuss the anticipated hydrologic conditions in the drainages and wetlands after implementation of the Remedy. EPA provided their field summary on September 8, 2015.

- <u>Remedial Action</u>

The Remedial Action Work Plan (RAWP) specified information that would be submitted in the monthly report relative to the Remedial Action (RA). Each of these items are addressed below.

- <u>Progress made this month</u>

→ COVID-19 workplace social distancing and sanitation requirements continued to be followed for all personnel during April.

→ Storm water management continued as specified in the Storm Water Management Plan.

→ Spill Prevention, Control and Countermeasures Plan (SPCC) inspections continued as specified in the SPCC Plan.

→ The Pit 4 sumps were checked for level and pumped when necessary with the logging of data uploaded to the project data electronic repository.

→ Construction activities in April consisted of the following:

- Crushing and Screening materials for drain gravel and liner bedding

- Excavation and placement of material from the South Waste Rock Pile into Pit 4
- Excavation and placement of material from the upper Pit 4 Overburden Pile into Pit 4
- Excavation and placement of material from Protore Pile 4 into Pit 4
- Evaluation and repair of the South Pond
- Began preparation of the South Construction Support Zone for topsoil relocation and cleanup.

→ Complete field work for the geotechnical evaluation of the alternative pipeline alignment.

- <u>Problems resolved last month</u>

  → There were no problems last month.

- <u>Problem areas and recommended solutions</u>

  → None

- <u>Deliverables submitted last month</u>

  → Deliverables associated with the RA which remained open in April included the following:

  - The 2018 Annual ALARA (as low as reasonably achievable) report as required by the Radiation Protection Plan was submitted on April 4, 2019. EPA provided comments to this report on June 10, 2019. Responses to comments and a revised report were submitted on July 26. EPA provided preliminary comments on the report on July 29 and provided additional comments on August 19. EPA provided additional comments on September 24, 2019. Responses to these comments were submitted on October 8. Additional comments were received from EPA on April 1. Responses to those comments were submitted on April 23, 2020.
  - The 2019 Annual ALARA (as low as reasonably achievable) report as required by the Radiation Protection Plan was submitted on April 23, 2020.
  - An updated Remedial Action Construction Schedule (Appendix X of the RAWP) was submitted on November 16, 2020.
  - The 2020 Vegetation Monitoring Report for the reclaimed West Access Road was submitted on December 1, 2020.
  - The Pit 3 Rockfall Protection Work Plan was submitted on February 18, 2021. EPA provided comments to this plan on March 9. Responses to comments and a revised plan was submitted on March 17. Additional comments were received on March 26. Reponses to those comments were submitted on April 1. EPA approved the revised Work Plan on April 6, 2021.
  - The Pit 4 Tie-In Final Status Survey Report was submitted on February 24, 2021. Comments on this plan were received on March 11. It was determined that this

plan will not be finalized until the adjacent Pit 4 Overburden Pile is removed and the areas adjacent to the Tie-In Area is verified as clean to avoid any cross contamination.

- The 2021 Pit 4 Overburden Waste Removal Work Plan was submitted on March 5, 2021.On March 8, EPA requested a clarification to figures in the Work Plan. Updated figures were submitted on March 15 and March 18. On April 8, EPA requested additional clarification and additional figures were submitted on April 9. EPA provided additional comments on April 13, 2021.
- On March 11, 2021 a plan to replace one of the Grade Control Structures in the South Pond Spillway was submitted. EPA approved this plan on March 28. The final version of the approved plan was submitted on April 1, 2021.
- The 2020 Construction Annual Report was submitted on March 12, 2021.
- The Pit 3 Dewatering Work Plan was submitted on March 15, 2021.
- The Blue Creek Effluent Pipeline Alternative Alignment Geotechnical Investigation Work Plan was submitted on March 16, 2021. Comments to this plan were received on March 29. Responses to comment and a revised work plan were submitted on April 6. The revised plan was approved on April 6, 2021.
- On March 17, 2021 an e-mail from the Spokane Tribe Natural Resources Department which stated that there are no eagle nests in the mine area was forwarded to EPA. Evaluation of eagle nests along the pipeline construction route will be required before pipeline construction can commence. This evaluation and any mitigation measures will be included in the pipeline work plan.
- On March 18, 2021, the revised Remedial Action Work Plan (RAWP) main text was submitted.
- An updated Appendix R of the RAWP (Staging/Temporary Stockpile Plan) was submitted on March 23, 2021.
- Replacement pages for the Emergency Response Plan (Appendix D of the RAWP) including the SPCC (Attachment 4 of Appendix D) were submitted on April 2, 2021.
- The 2021 Construction Water Management Plan was submitted on April 5, 2021.
- On April 1, EPA requested that the Construction Quality Assurance Plan (Appendix U of the RAWP) be modified. The requested modification along with personnel updates was submitted on April 9. EPA approved the revised Plan on April 9, 2021.

- <u>Air Monitoring</u>

  → Air monitoring results are included in the Weekly Construction Reports and are not repeated in this Monthly Report.

- <u>Vertical Dewatering Wells</u>

  → There were no issues with the construction or operation of the dewatering wells.

- Alluvial Dewatering Trenches

  → There were no issues with the construction or operation of the Alluvial Dewatering Trenches as construction for these trenches has yet to begin.

- Construction Water

  → There was 35,600 gallons of off-site and 1,991,400 gallons of on-site construction water utilized during April.

- Submittal Register

  → Items included in the submittal register are documented in the weekly reports and are not repeated in this Monthly Report.

- Storm Water Management

  → Implementation of storm water management best management practices (BMPs) continued in April in accordance with the Storm Water Management Plan. There were no storm water issues in April.

- Schedule updates/potential schedule delays

  → There were no schedule update or schedule delays in April.

- Activities planned for the next month

  → Activities planned for May 2021 include the following:

    - Continue storm water management measures in accordance with the Storm Water Management Plan.
    - Continued implementation of the Spill Prevention, Control and Countermeasures Plan (SPCC).
    - Continued operation of the site surface water collection system.
    - Continued evaluation of the COVID-19 situation and modification of site activities as necessary.
    - Construction Activities in May will include
      - Continued excavation of waste rock and placement into Pit 4
      - Complete repair of the South Pond
      - Continue production of drain gravel and liner bedding material
      - Relocation of topsoil from the South CSZ
      - Cleanup of the South SCZ
      - Installation of Pit 3 rockfall protection

- Summary of confirmation sampling

  → None.

- Key personnel changes

  → None.

- Health and safety issues

  → None.

- Coordination activities

  → Routine coordination activities between Newmont, CQA/CQC contractors, and various other contractors and the EPA and Tribe occurred in April.

- Project modifications/field adjustments/change orders

  → There were no field adjustments/change orders in April.

b) *Include a summary of all results of sampling and tests and all other data received or generated by Settling Defendants or their contractors or agents in the previous month;*

- There was 0.65 inches of precipitation recorded in April at Midnite Mine. The daily weather data output for April, which is collected on-site as part of the air monitoring system, is included in Attachment 4. Flow in the Western Drainage was approximately 47 gpm on April 1, and decreased to approximately 36 gpm on April 30.

c) *Identify all plans, reports and other deliverables required by this Consent Decree completed and submitted during the previous month;*

- Submittals associated with the RA are detailed above.

d) *Describe all actions, including, but not limited to, data collection and implementation of work plans, which are scheduled for the next six weeks and provide other information relating to the progress of construction, including, but not limited to, critical path diagrams, Gantt charts and Pert charts;*

- Work as part of the RA will continue as discussed above.

e) *Include information regarding percentage of completion, unresolved delays encountered or anticipated that may affect the schedule for implementation of the Work, and a description of efforts made in the previous month to mitigate those delays or anticipated delays;*

- An updated Remedial Action Construction Schedule (Appendix X of the RAWP) was submitted to EPA on November 16, 2020. Future evaluation of construction activities will be discussed relative to this schedule.

f) *Include any modifications to the work plans or other schedules that Settling Defendants have proposed to EPA or that have been approved by EPA during the previous month;*

- None.

g) *Describe all activities undertaken pursuant to Paragraph 110 during the previous month and those to be undertaken in the next six weeks;*

- Mr. Ricky Sherwood, the community liaison, continued to received notifications and updates of meetings, construction activities and major mobilization and demobilization activities.

- Communications continue with Tribal representatives regarding TERO issues, the alignment of the Water Treatment Plan Effluent Pipeline and employment of Tribal members.

- The Tribal Council is scheduled for a site visit in May.

We trust that this information satisfies the Monthly Progress Report requirements of the CD. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

WORTHINGTON MILLER ENVIRONMENTAL, LLC

Louis Miller
Supervising Contractor

cc: Brian Crossley, Spokane Tribe of Indians
Bill Lyle, Newmont Mining Corporation
Mark Henry, Jacobs

ATTACHMENT 1

SAMPLER INITIALS: RWA

DATE: 4-1-2021

Monitoring Event Summary

Monitoring Activities Conducted:

SAMPED - SW-39

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

N/A

Field conditions requiring maintenance or other action:

N/A

SAMPLER INITIALS: RWA

DATE: 4-7-2021

Monitoring Event Summary

Monitoring Activities Conducted:

GW sampled : BCMW-01, 02, 03, 04, 05

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

N/A

Field conditions requiring maintenance or other action:

N/A

SAMPLER INITIALS: RWA

DATE: 4-8-21

Monitoring Event Summary

Monitoring Activities Conducted:

SAMPLED GW: MWED-03, MWED-10, MWED-11, MW-05

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

N/A

Field conditions requiring maintenance or other action:

N/A

SAMPLER INITIALS: RWA ~~4-12-2021~~ DATE: 4-12-2021

Monitoring Event Summary

Monitoring Activities Conducted:

Sampled GW: MWFW-01, MWFW-02, MWSW-01, MWSW-02

MWSW-02 sample collected on 04-14-2021

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

N/A

Field conditions requiring maintenance or other action:

N/A

SAMPLER INITIALS: KWA

DATE: 4-14-2021

Monitoring Event Summary

Monitoring Activities Conducted:

Sampled GW - MWED-04, MW-04

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

N/A

Field conditions requiring maintenance or other action:

N/A

SAMPLER INITIALS: KWA

DATE: 4-19-21

Monitoring Event Summary

Monitoring Activities Conducted:

Sampled GW: GW-50, GW-51

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

N/A

Field conditions requiring maintenance or other action:

N/A

SAMPLER INITIALS: KWA

DATE: 4-20-21

Monitoring Event Summary

Monitoring Activities Conducted:

Sampled GW: GW-35a, GW-36a, GW-19, MWCD-02a

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

N/A

Field conditions requiring maintenance or other action:

N/A

ATTACHMENT 2

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels[1] PBW-01 (ft amsl)	PBW-01 Notes	Water Levels[1] PBW-02 (ft amsl)	PBW-02 Notes
01/03/12	0.88	0.86	2392.33		2386.78	
01/09/12	0.89	0.84	2392.33		2386.78	
01/17/12	0.85	0.81	2393.03		2386.78	
01/23/12	0.86	0.83	2392.42		2386.79	
01/31/12	0.95	0.87	2397.94	pump replaced 1/30/12	2386.80	
02/07/12	0.87	0.8	2392.33		2386.79	
02/13/12	1.0	0.88	2396.21		2386.79	
02/20/12	0.89	0.84	2392.28		2386.79	
02/27/12	0.93	0.84	2392.27		2386.79	
03/05/12	0.89	0.81	2392.28		2386.79	
03/12/12	0.87	0.84	2392.26		2386.80	
03/16/12	0.98	0.91	2392.82		2386.80	
03/19/12	0.99	0.88	2392.41		2386.80	
03/28/12	1.14	0.95	2398.87		2386.79	
04/01/12	1.35	1.05	2398.67		2386.93	
04/07/12	1.25	0.9	2392.28		2386.80	
04/09/12	1.17	0.88	2392.27		2386.79	
04/13/12	1.0	0.87	2392.28		2386.80	
04/17/12	0.96	0.84	2392.28		2386.80	
04/23/12	0.90	0.83	2392.28		2386.79	
05/02/12	0.91	0.84	2392.28		2386.80	
05/11/12	0.90	0.89	2392.28		2386.81	
05/15/12	0.86	0.88	2392.28		2386.82	
05/21/12	0.87	0.78	2392.28		2386.83	
05/29/12	0.85	0.82	2392.28		2386.83	
06/07/12	1.06	1.16	2394.37		2395.53	
06/11/12	0.92	1.11	2392.27		2386.85	
06/19/12	0.92	0.99	2392.27		2386.87	
06/25/12	0.97	0.96	2392.27		2386.85	
07/02/12	0.96	0.94	2392.27		2386.87	
07/09/12	0.95	0.35	2392.27		2386.85	cleaned flow meter
07/16/12	0.93	0.79	2392.27		2386.85	
07/24/12	0.92	0.81	2392.27		2386.88	
07/30/12	0.95	0.8	2392.27		2386.87	
08/06/12	0.88	0.78	2392.27		2386.89	
08/13/12	0.94	0.75	2392.28		2386.91	
08/20/12	0.8	0.56	2392.28		2386.90	installed new pump
08/27/12	0.88	0.97	2392.28		2386.81	
09/03/12	0.91	0.74	2392.28		2386.80	
09/11/12	0.89	1.01	2392.28		2386.83	
09/18/12	0.9	0.77	2392.28		2386.80	
09/24/12	0.89	0.76	2392.29		2386.79	
10/02/12	0.78	0.71	2392.29		2386.80	
10/08/12	0.8	0.75	2392.30		2386.81	
10/15/12	0.91	0.77	2392.30		2386.79	
10/22/12	0.94	0.8	2392.30		2386.81	
10/29/12	0.92	0.8	2392.31		2386.81	
11/05/12	0.92	0.8	2392.31		2386.81	
11/13/12	0.91	0.82	2392.30		2386.82	
11/21/12	0.97	0.88	2392.31		2386.85	
11/26/12	0.89	0.81	2392.31		2386.82	
12/03/12	0.97	0.89	2392.32		2386.84	
12/11/12	0.94	0.84	2392.32		2386.85	
12/17/12	0.98	0.85	2392.32		2386.83	
12/26/12	0.97	0.91	2392.32		2386.85	
12/31/12	0.94	0.89	2392.32		2386.87	
01/08/13	0.95	0.92	2392.27		2386.87	
01/14/13	0.97	0.93	2392.28		2386.88	
01/21/13	0.97	0.94	2392.28		2386.88	
01/28/13	0.98	0.94	2392.28		2386.89	
02/04/13	0.97	0.96	2392.28		2386.90	
02/11/13	1.00	0.94	2392.29		2386.90	
02/18/13	1.04	0.97	2392.30		2386.90	
02/25/13	1.07	0.98	2392.30		2386.90	
03/04/13	1.29	1.11	2398.65	turned up pump to 24 vdc on 3/4/13; then to 26 vdc on 3/5/13	2386.91	
03/11/13	1.4	1.13	2392.30		2386.91	
03/17/13	1.24	0.81	2392.30		2386.91	
03/24/13	1.08	0.79	2392.30		2386.91	
03/30/13	1.0	0.78	2392.30		2386.91	
04/08/13	1.07	1.17	2392.31		2397.38	pump not working; replaced
04/15/13	0.94	0.87	2392.29		2386.77	
04/18/13			2392.30			
04/22/13	0.9	0.84	2392.29		2386.79	
04/30/13	0.8	0.84	2392.29		2386.79	
05/06/13	0.81	0.83	2392.29		2386.80	
05/13/13	0.86	0.87	2392.29		2386.80	
05/20/13	0.85	0.82	2392.29		2386.80	
05/28/13	0.83	0.81	2392.29		2386.80	
06/04/13	0.81	0.8	2392.29		2386.80	
06/10/13	0.82	0.78	2392.29		2386.80	

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels[1] PBW-01 (ft amsl)	PBW-01 Notes	Water Levels[1] PBW-02 (ft amsl)	PBW-02 Notes
06/17/13	0.82	0.78	2392.29		2386.80	
06/24/13	0.81	0.81	2392.29		2386.80	
07/01/13	0.82	0.76	2392.29		2386.81	
07/08/13	0.83	0.76	2392.29		2386.81	
07/16/13	0.84	0.72	2392.29		2386.83	
07/24/13	0.83	0.64	2392.29		2386.86	
07/29/13	0.83	0.62	2392.29		2386.86	
08/06/13	0.72	0.63	2392.29		2386.90	
08/12/13	0.75	0.76	2392.29		2386.91	
08/20/13	0.86	0.79	2392.29		2386.90	
08/27/13	0.84	1.04	2392.29		2395.47	recovering after power outage
09/02/13	0.82	0.84	2392.29		2386.90	
09/09/13	0.84	0.87	2392.29		2386.90	
09/17/13	0.85	0.85	2392.29		2387.23	
09/23/13	0.83	0.87	2392.29		2386.91	
09/30/13	0.86	0.92	2392.29		2386.78	
10/07/13	0.85	0.89	2392.29		2386.78	
10/15/13	0.83	0.86	2392.29		2386.78	
10/21/13	0.83	0.84	2392.29		2386.78	
10/28/13	0.8	0.84	2392.29		2386.78	
11/04/13	0.83	0.87	2392.29		2386.79	
11/13/13	0.82	0.80	2392.29		2386.78	
11/19/13	0.83	0.78	2392.29		2386.78	
11/25/13	0.87	0.79	2392.27		2386.78	
12/02/13	0.85	0.80	2392.27		2386.78	
12/09/13	0.87	0.81	2392.27		2386.78	
12/16/13	0.86	0.81	2392.27		2386.78	
12/26/13	0.86	0.82	2392.27		2386.78	
12/30/13	0.86	0.81	2392.27		2386.78	
01/06/14	0.82	0.8	2392.27		2386.78	
01/13/14	0.85	0.81	2392.27		2386.78	
01/21/14	0.84	0.8	2392.27		2386.78	
01/28/14	0.84	0.81	2392.27		2386.78	
02/03/14	0.82	0.8	2392.27		2386.78	
02/10/14	0.83	0.79	2392.27		2386.78	
02/17/14	0.96	0.84	2392.28	cleaned flow meter	2386.78	
02/24/14	0.84	0.97	2392.27		2386.78	cleaned flow meter
03/04/14	0.82	0.76	2392.27		2386.78	
03/10/14	1.12	0.93	2392.29		2386.78	
03/17/14	1.00	0.85	2392.29		2386.78	
03/24/14	0.92	0.86	2392.29		2386.77	
03/31/14	0.93	0.85	2392.29		2386.78	
04/07/14	0.91	0.82	2392.27		2386.78	
04/14/14	0.86	0.78	2392.27		2386.78	
04/21/14	0.86	0.82	2392.27		2386.78	
04/28/14	0.89	0.84	2392.28		2386.78	
05/05/14	0.88	0.80	2392.28		2386.78	
05/12/14	0.82	0.77	2392.28		2386.78	
05/19/14	0.82	0.75	2392.29		2386.78	
05/27/14	0.86	0.76	2392.29		2386.78	
06/02/14	0.84	0.72	2392.29		2386.78	
06/09/14	--	0.71	2392.28	flow meter broken	2386.78	
06/16/14	0.8	0.67	2392.28		2386.78	
06/23/14	0.8	0.74	2392.28		2386.78	
06/30/14	0.81	0.68	2392.28		2386.80	
07/08/14	0.8	0.67	2392.28		2386.81	
07/14/14	0.81	0.67	2392.28		2386.83	
07/21/14	0.82	0.67	2392.27		2386.81	
07/28/14	0.8	0.62	2392.28		2386.83	
08/06/14	0.84	1.12	2392.28		2396.07	recovering after power outage
08/11/14	0.8	0.79	2392.28		2386.83	
08/18/14	0.82	0.78	2392.28		2386.83	
08/25/14	0.83	0.78	2392.28		2386.84	
09/03/14	0.85	1.23	2392.28		2398.29	pump replaced
09/08/14	0.8	1.12	2392.28		2386.80	cleaned flow meter
09/15/14	0.78	0.89	2392.27		2386.80	
09/22/14	0.79	0.87	2392.27		2386.80	
09/23/14	NM	NM	2392.27		NM	
09/29/14	0.81	0.87	2392.27		2386.80	
10/06/14	0.8	0.83	2392.27		2386.80	
10/13/14	0.78	0.82	2392.28		2386.80	
10/21/14	0.8	0.83	2392.28		2386.80	
10/28/14	0.81	0.85	2392.28		2386.80	
11/03/14	0.79	0.84	2392.28		2386.79	
11/11/14	0.81	0.82	2392.28		2386.79	
11/18/14	0.79	0.79	2392.28		2386.79	
11/24/14	0.79	0.81	2392.28		2386.79	
12/01/14	0.8	0.81	2392.28		2386.79	
12/08/14	0.79	0.8	2392.28		2386.79	
12/17/14	0.79	0.77	2392.29		2386.79	

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels[1] PBW-01 (ft amsl)	PBW-01 Notes	Water Levels[1] PBW-02 (ft amsl)	PBW-02 Notes
12/22/14	0.81	0.86	2397.78	turned up pump to 20 vdc to get WL back down	2386.79	
12/29/14	0.8	0.8	2392.29		2386.79	
01/05/15	0.8	0.8	2392.29		2386.79	
01/12/15	0.78	0.77	2392.29		2386.79	
01/19/15	0.86	0.78	2392.29		2386.79	
01/26/15	0.86	0.78	2392.29		2386.79	
02/02/15	0.81	0.74	2392.29		2386.79	
02/10/15	1.09	0.89	2392.30		2386.80	
02/17/15	0.95	0.77	2392.29		2386.79	
02/23/15	0.9	0.75	2392.29		2386.79	
03/02/15	0.88	0.71	2392.29		2386.79	
03/09/15	0.86	0.74	2392.29		2386.79	
03/16/15	1.01	0.79	2397.30		2386.79	
03/23/15	0.9	0.74	2392.29		2386.79	
03/29/15	0.89	0.71	2392.29		2386.79	
04/07/15	0.88	0.73	2392.29		2386.79	
04/13/15	0.86	0.70	2392.29		2386.79	
04/20/15	0.85	0.69	2392.28		2386.79	
04/27/15	0.83	0.67	2392.28		2386.79	
05/04/15	0.83	0.64	2392.28		2386.79	
05/11/15	0.81	0.58	2392.28		2386.79	
05/18/15	0.81	0.62	2392.28		2386.79	
05/26/15	0.82	0.6	2392.27		2386.79	
06/02/15	0.83	0.59	2392.28		2386.79	
06/09/15	0.81	0.58	2392.27		2386.79	
06/16/15	0.80	0.59	2392.27		2386.79	
06/22/15	0.80	0.53	2392.27		2386.79	
06/30/15	0.80	0.52	2392.27		2386.79	
07/06/15	0.79	0.54	2392.27		2386.79	
07/14/15	0.79	0.57	2392.27		2386.79	
07/20/15	0.78	0.58	2392.27		2386.79	
07/27/15	0.78	0.59	2392.27		2386.79	
08/03/15	0.77	0.57	2392.27		2386.79	
08/12/15	0.76	0.56	2392.27		2386.79	
8/17/15*	0.76	0.54	2392.27		2386.79	
09/10/15	0.75	0.58	2392.84		2386.81	
09/14/15	0.75	0.58	2392.27		2386.81	
09/21/15	0.76	0.55	2393.38		2386.81	
09/28/15	0.75	0.61	2392.27		2386.81	
10/05/15	0.80	0.59	2392.25		2386.81	
10/13/15	0.78	0.6	2392.27		2386.81	
10/19/15	0.81	0.77	2392.28		2386.81	
10/26/15	0.81	0.75	2392.86		2386.81	
11/03/15	0.82	0.86	2392.26		2386.81	
11/10/15	0.82	0.80	2392.26		2386.80	
11/16/15	0.82	0.76	2392.25		2386.81	
11/23/15	0.83	0.82	2392.26		2386.80	
11/30/15	0.82	0.79	2392.25		2386.80	
12/07/15	0.89	0.84	2398.40	turned up pump to 20 vdc to get WL back down	2386.81	
12/14/15	1.15	1.04	2401.17	pump 22 vdc	2397.27	circuit breaker feeding pump back well pumps tripped out; fixed problem and reset breaker
12/21/15	0.88	0.78	2392.25		2386.81	
12/28/15	0.86	0.79	2392.26		2386.81	
01/04/16	0.87	0.72	2392.26		2386.81	
01/11/16	0.86	0.72	2392.26		2386.81	
01/18/16	1.00	0.82	2393.10		2386.81	
01/25/16	1.46	0.91	2392.29		2386.81	
02/01/16	1.44	0.88	2392.30		2386.81	
02/08/16	1.10	0.8	2392.30		2386.81	
02/15/16	1.06	0.77	2392.30		2386.81	
02/22/16	1.27	0.8	2392.29		2386.81	
02/29/16	1.22	0.75	2392.29		2386.81	
03/07/16	1.24	0.78	2392.29		2386.81	
03/14/16	1.73	0.92	2400.85	turned up pump to 32 vdc to get WL back down	2386.87	
03/21/16	1.52	0.81	2392.33	pump 30 vdc	2386.81	
03/30/16	1.58	0.8	2392.31		2386.83	
04/04/16	1.60	0.76	2392.33		2386.82	
04/11/16	1.23	0.71	2392.30		2386.83	
04/18/16	1.09	0.63	2392.29		2386.83	
04/25/16	1.02	0.61	2392.29		2386.83	
05/02/16	0.95	0.58	2392.29		2386.83	
05/09/16	0.86	0.54	2392.28		2386.85	
05/16/16	0.83	0.56	2392.28		2386.85	
05/23/16	0.94	0.55	2392.28		2386.84	
05/31/16	0.82	0.52	2392.29		2386.85	
06/08/16	0.78	0.51	2392.29		2386.87	
06/14/16	0.75	0.51	2392.29		2386.87	

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels[1] PBW-01 (ft amsl)	PBW-01 Notes	Water Levels[1] PBW-02 (ft amsl)	PBW-02 Notes
06/20/16	0.68	0.50	2392.29		2386.89	
06/27/16	0.73	0.49	2392.29		2386.89	
07/05/16	0.62	0.49	2392.30		2386.89	
07/11/16	0.70	0.52	2392.31		2386.90	
07/19/16	0.77	0.51	2392.31		2386.90	
07/25/16	0.70	0.51	2392.31		2386.90	
08/01/16	0.76	0.53	2392.31		2386.90	
08/08/16	0.73	0.49	2392.33		2386.90	
08/15/16	0.72	0.53	2392.33		2386.90	
08/23/16	0.70	0.51	2392.33		2386.90	
08/30/16	0.73	0.49	2392.33		2386.90	
09/06/16	0.73	0.48	2392.33		2386.91	
09/13/16	0.76	0.48	2392.33		2386.91	
09/26/16	0.74	0.45	2392.34		2386.91	
10/03/16	0.77	0.42	2392.34		2386.91	
10/10/16	0.77	0.41	2392.36		2386.90	
10/19/16	0.78	0.38	2392.34		2386.90	
10/24/16	0.83	0.34	2392.35		2386.91	
10/31/16	1.02	0.53	2392.35		2386.90	
11/07/16	0.90	0.49	2392.35		2386.91	
11/15/16	0.90	0.51	2392.35		2386.90	
12/01/16	0.92	0.51	2392.35		2386.91	
01/04/17	NM	NM	2392.34		2386.91	
01/06/17	0.82	0.48	NM		NM	
01/10/17	0.82	0.69	NM		NM	
01/16/17	0.83	0.58	NM		NM	
01/23/17	1.03	0.57	NM		NM	
01/24/17	NM	NM	2392.38		2386.87	
01/30/17	0.84	0.48	NM		NM	
02/07/17	0.83	0.49	NM		NM	
02/13/17	0.88	0.59	NM		NM	
02/22/17	1.32	0.79	NM		NM	
03/01/17	1.08	0.69	2392.30		2386.79	
03/06/17	1.04	0.70	NM		NM	
03/13/17	1.52	0.76	2392.31		2386.81	
03/20/17	1.28	0.76	NM		NM	
03/29/17	1.56	0.80	NM		NM	
04/04/17	1.08	0.74	NM		NM	
04/10/17	0.96	0.70	NM		NM	
04/17/17	1.32	0.76	NM		NM	
04/24/17	1.04	0.72	2392.30		2386.83	
05/01/17	0.72	0.74	NM		NM	
05/08/17	0.75	0.62	NM		NM	
05/15/17	0.73	0.50	NM		NM	
05/22/17	0.68	0.64	2392.31		2386.91	
05/30/17	0.61	0.54	NM		NM	
06/05/17	0.62	0.52	NM		NM	
06/12/17	0.54	0.52	NM		NM	
06/19/17	0.68	0.59	NM		NM	
06/20/17	NM	NM	2392.34		2386.90	
06/27/17	0.59	0.44	NM		NM	
07/05/17	0.46	0.50	NM		NM	
07/10/17	0.58	0.54	NM		NM	
07/12/17	NM	NM	2392.38		2386.90	
07/17/17	0.52	0.48	NM		NM	
07/25/17	0.48	0.44	NM		NM	
07/31/17	0.52	0.32	NM		NM	
08/07/17	0.62	0.47	NM		NM	
08/14/17	0.30	0.37	NM		NM	
08/15/17	NM	NM	2392.38		2386.91	
08/21/17	0.40	0.37	NM		NM	
08/28/17	0.56	0.32	NM		NM	
09/05/17	0.46	0.44	NM		NM	
09/11/17	0.40	0.35	2392.36		2387.53	
09/19/17	0.64	0.52	NM		NM	
09/25/17	0.43	0.48	NM		NM	
10/02/17	0.45	0.46	NM		NM	
10/04/17	NM	NM	2392.37		2388.87	
10/11/17	0.43	0.52	NM		NM	
10/16/17	0.38	0.42	NM		NM	
10/23/17	0.46	0.62	NM		NM	
10/30/17	0.45	0.45	NM		NM	
11/07/17	0.47	0.43	NM		NM	
11/10/17	NM	NM	2392.36		2386.90	
11/13/17	0.47	0.40	NM		NM	
11/20/17	0.49	0.57	NM		NM	
11/27/17	0.50	0.47	NM		NM	
12/04/17	0.50	0.57	NM		NM	
12/11/17	0.49	0.42	2392.37		2386.93	
12/18/17	0.54	0.44	NM		NM	
12/27/17	0.52	0.44	NM		NM	

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels[1] PBW-01 (ft amsl)	PBW-01 Notes	Water Levels[1] PBW-02 (ft amsl)	PBW-02 Notes
01/03/18	0.52	0.32	NM		NM	
01/08/18	0.54	0.40	2392.35		2386.93	
01/15/18	0.57	0.40	NM		NM	
01/21/18	0.60	0.30	NM		NM	
01/28/18	0.68	0.79	NM		NM	
02/04/18	0.7	0.64	NM		NM	
02/11/18	0.67	0.59	NM		NM	
02/18/18	0.6	0.57	NM		NM	
02/19/18	NM	NM	2392.36		2386.73	
02/25/18	0.58	0.54	NM		NM	
03/04/18	0.60	0.65	NM		NM	
03/12/18	0.71	0.67	NM		NM	
03/18/18	0.74	0.60	NM		NM	
03/20/18	NM	NM	2392.37		2386.81	
03/25/18	0.72	0.57	NM		NM	
04/02/18	0.68	0.52	NM		NM	
04/08/18	0.67	0.47	NM		NM	
04/15/18	0.73	0.50	NM		NM	
04/23/18	0.71	0.48	NM		NM	
04/30/18	0.65	0.43	NM		NM	
05/08/18	0.54	0.46	NM		NM	
05/14/18	0.57	0.20	NM		NM	
05/22/18	0.58	0.34	2392.39		2386.87	
05/29/18	0.56	0.34	NM		NM	
06/04/18	0.54	0.45	NM		NM	
06/12/18	0.53	0.45	NM		NM	
06/18/18	0.47	0.49	NM		NM	
06/25/18	0.47	0.36	NM		NM	
07/02/18	0.52	0.34	2395.06		2386.91	
07/09/18	0.42	0.37	NM		NM	
07/16/18	0.39	0.24	NM		NM	
07/23/18	0.40	0.22	NM		NM	
07/30/18	0.40	0.52	NM		NM	
08/08/18	0.50	0.31	NM		NM	
08/13/18	0.40	0.29	NM		NM	
08/21/18	0.42	0.30	NM		NM	
08/27/18	0.42	0.29	NM		NM	
09/04/18	0.44	0.30	NM		NM	
09/05/18	NM	NM	2392.37		2387.43	
09/10/18	0.52	0.58	NM		NM	
09/17/18	0.42	0.48	NM		NM	
09/24/18	0.44	0.27	NM		NM	
10/02/18	0.46	0.29	NM		NM	
10/08/18	0.42	0.36	NM		NM	
10/15/18	0.46	0.36	NM		NM	
10/22/18	0.62	0.56	NM		NM	
10/29/18	0.51	0.52	NM		NM	
11/05/18	0.48	0.46	NM		NM	
11/12/18	0.47	0.38	NM		NM	
11/19/18	0.52	0.28	NM		NM	
11/20/18	NM	NM	2392.37		2386.83	
11/26/18	0.54	0.36	NM		NM	
12/03/18	0.52	0.28	NM		NM	
12/10/18	0.52	0.2	NM		NM	
12/19/18	0.54	0.14	NM		NM	
12/26/18	0.56	0.72	NM		NM	
12/31/18	0.6	0.34	NM		NM	
01/07/19	0.57	0.3	NM		NM	
01/14/19	0.52	0.36	NM		NM	
01/15/19	NM	NM	2392.38		2386.87	
01/21/19	0.52	0.38	NM		NM	
01/28/19	0.45	0.36	NM		NM	
02/04/19	0.5	0.34	NM		NM	
02/11/19	0.5	0.29	NM		NM	
02/18/19	0.5	0.34	NM		NM	
02/25/19	0.56	0.24	NM		NM	
03/04/19	0.54	0.34	NM		NM	
03/11/19	0.52	0.46	NM		NM	
03/18/19	0.54	0.57	NM		NM	
03/19/19	NM	NM	2392.38		2386.90	
03/25/19	0.67	0.64	NM		NM	
04/01/19	0.62	0.64	NM		NM	
04/08/19	0.64	0.65	NM		NM	
04/15/19	0.65	0.76	NM		NM	
04/22/19	0.60	0.68	NM		NM	
04/29/19	0.54	0.64	NM		NM	
05/06/19	0.49	0.62	NM		NM	
05/13/19	0.56	0.58	2392.38		2386.91	
05/20/19	0.58	0.58	NM		NM	
05/30/19	0.56	0.32	NM		NM	
06/03/19	0.54	0.32	NM		NM	

Western Drainage Alluvial Wells

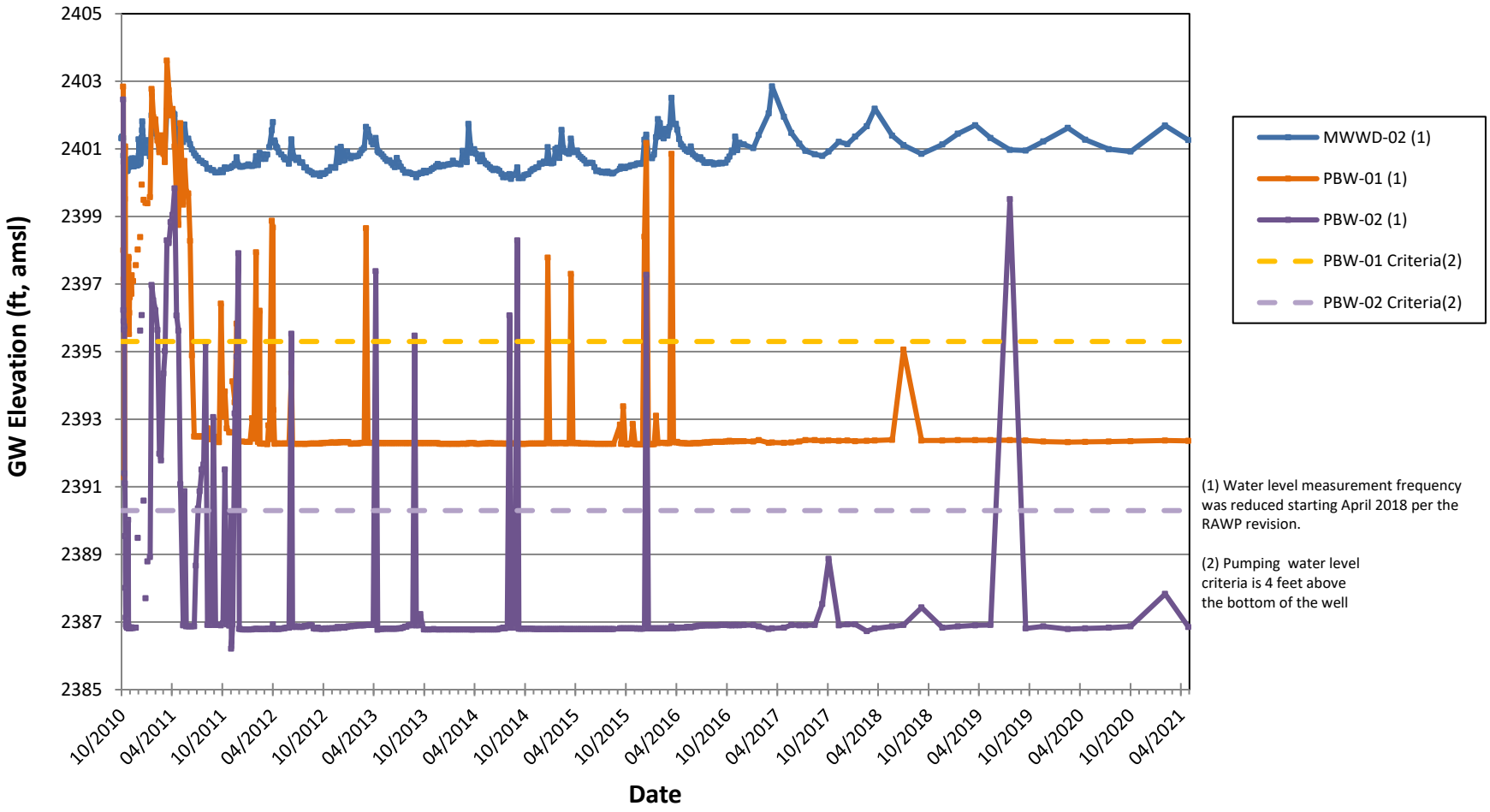
Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels[1] PBW-01 (ft amsl)	PBW-01 Notes	Water Levels[1] PBW-02 (ft amsl)	PBW-02 Notes
06/11/19	0.57	0.32	NM		NM	
06/17/19	0.54	0.30	NM		NM	
06/24/19	0.56	0.26	NM		NM	
07/01/19	0.52	0.24	NM		NM	
07/09/19	0.54	0.23	NM		NM	
07/15/19	0.58	0.71	NM		NM	
07/22/19	0.56	0.62	2392.38		2399.51	on timer 1 hour on, 2 hours off
07/29/19	0.58	0.72	NM		NM	
08/05/19	0.58	0.73	NM		NM	
08/13/19	0.64	0.72	NM		NM	
08/19/19	0.60	0.71	NM		NM	
08/27/19	0.68	0.74	NM		NM	
09/03/19	0.58	0.62	NM		NM	
09/09/19	0.64	0.68	NM		NM	
09/16/19	0.73	0.68	NM		NM	
09/17/19	NM	NM	2392.37		2386.81	
09/23/19	0.52	0.54	NM		NM	
09/30/19	0.58	0.60	NM		NM	
10/07/19	0.60	0.68	NM		NM	
10/16/19	0.58	0.56	NM		NM	
10/21/19	0.60	0.70	NM		NM	
10/26/19	0.54	0.60	NM		NM	
11/04/19	0.42	0.50	NM		NM	
11/11/19	0.46	0.77	NM		NM	
11/19/19	0.50	0.76	NM		NM	
11/20/19	NM	NM	2392.34		2386.87	
11/25/19	0.46	0.76	NM		NM	
12/02/19	0.45	0.78	NM		NM	
12/10/19	0.45	0.80	NM		NM	
12/16/19	0.45	0.82	NM		NM	
12/23/19	0.46	0.84	NM		NM	
12/30/19	0.45	1.00	NM		NM	
01/06/20	0.49	0.81	NM		NM	
01/13/20	0.46	0.78	NM		NM	
01/20/20	0.47	0.76	NM		NM	
01/26/20	0.52	0.98	NM		NM	
02/01/20	0.52	0.60	NM		NM	
02/09/20	0.58	0.60	NM		NM	
02/16/20	0.52	0.64	NM		NM	
02/17/20	NM	NM	2392.32		2386.79	
02/24/20	0.51	0.56	NM		NM	
03/02/20	0.50	0.49	NM		NM	
03/10/20	0.51	0.50	NM		NM	
03/16/20	0.49	0.50	NM		NM	
04/03/20	0.49	0.52	NM		NM	
04/06/20	0.48	0.46	NM		NM	
04/13/20	0.47	0.44	NM		NM	
04/20/20	0.52	0.48	2392.33		2386.81	
04/27/20	0.56	0.47	NM		NM	
05/04/20	0.46	0.42	NM		NM	
05/11/20	0.56	0.46	NM		NM	
05/19/20	0.57	0.49	NM		NM	
05/26/20	0.46	0.41	NM		NM	
06/01/20	0.57	0.61	NM		NM	
06/08/20	0.58	0.62	NM		NM	
06/15/20	0.61	0.54	NM		NM	
06/22/20	0.56	0.50	NM		NM	
06/29/20	0.49	0.48	NM		NM	
07/07/20	0.49	0.50	NM		NM	
07/13/20	0.52	0.48	NM		NM	
07/14/20	NM	NM	2392.34		2386.83	
07/20/20	0.50	0.45	NM		NM	
07/28/20	0.50	0.54	NM		NM	
08/04/20	0.38	0.49	NM		NM	
08/10/20	0.52	0.40	NM		NM	
08/18/20	0.50	0.46	NM		NM	
08/24/20	0.52	0.38	NM		NM	
08/31/20	0.72	0.38	NM		NM	
09/08/20	0.48	0.43	NM		NM	
09/17/20	0.47	0.42	NM		NM	
09/21/20	0.50	0.32	NM		NM	
10/01/20	0.64	0.39	2392.35		2386.87	
10/05/20	0.61	0.34	NM		NM	
10/12/20	0.46	0.37	NM		NM	
10/27/20	0.50	0.64	NM		NM	
11/09/20	0.44	0.45	NM		NM	
11/16/20	0.48	0.38	NM		NM	
11/23/20	0.52	0.38	NM		NM	
12/07/20	0.64	0.33	NM		NM	
12/14/20	0.54	0.32	NM		NM	
12/21/20	0.50	0.32	NM		NM	

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels[1] PBW-01 (ft amsl)	PBW-01 Notes	Water Levels[1] PBW-02 (ft amsl)	PBW-02 Notes
12/28/20	0.42	0.30	NM		NM	
01/04/21	0.68	0.42	NM		NM	
01/11/21	0.54	0.38	NM		NM	
01/18/21	0.74	0.36	NM		NM	
01/31/21	0.44	0.34	NM		NM	
02/03/21	NM	NM	2392.37		2387.83	
02/08/21	0.56	0.44	NM		NM	
02/16/21	0.58	0.47	NM		NM	
02/22/21	0.64	0.51	NM		NM	
03/01/21	0.52	0.50	NM		NM	
03/08/21	0.52	0.40	NM		NM	
03/15/21	0.52	0.40	NM		NM	
03/22/21	0.52	0.34	NM		NM	
03/29/21	0.51	0.38	NM		NM	
04/05/21	0.51	0.52	NM		NM	
04/12/21	0.67	0.41	NM		NM	
04/19/21	0.47	0.36	NM		NM	
04/27/21	0.48	0.37	NM		NM	
04/28/21	0.48	0.37	2392.36		2386.85	

[1] Pumping criteria water level is four feet above the bottom of the wel
PBW-01 Criteria = 2395.34; PBW-02 Criteria = 2390.25
* Late August/early Sept 2015 measurements not taken due site closure from fire conditions
NM = not measured on that date

Figure 1
Groundwater Elevations at Western Drainage Wells



(1) Water level measurement frequency was reduced starting April 2018 per the RAWP revision.

(2) Pumping water level criteria is 4 feet above the bottom of the well

ATTACHMENT 3

Project: Fence Inspection West Side **Date:** 4-29-21
Inspector: Hunter Adolph

MONTHLY FENCE INSPECTION

SUMMARY OF FINDINGS:

Patched small Holes, Found two trees laying on fence

EVIDENCE OF WILDLIFE:

N/A

GATES SECURE? ISSUES?

Gate Secured

MAINTANENCE NEEDED: (MARK RATING ON MAP)

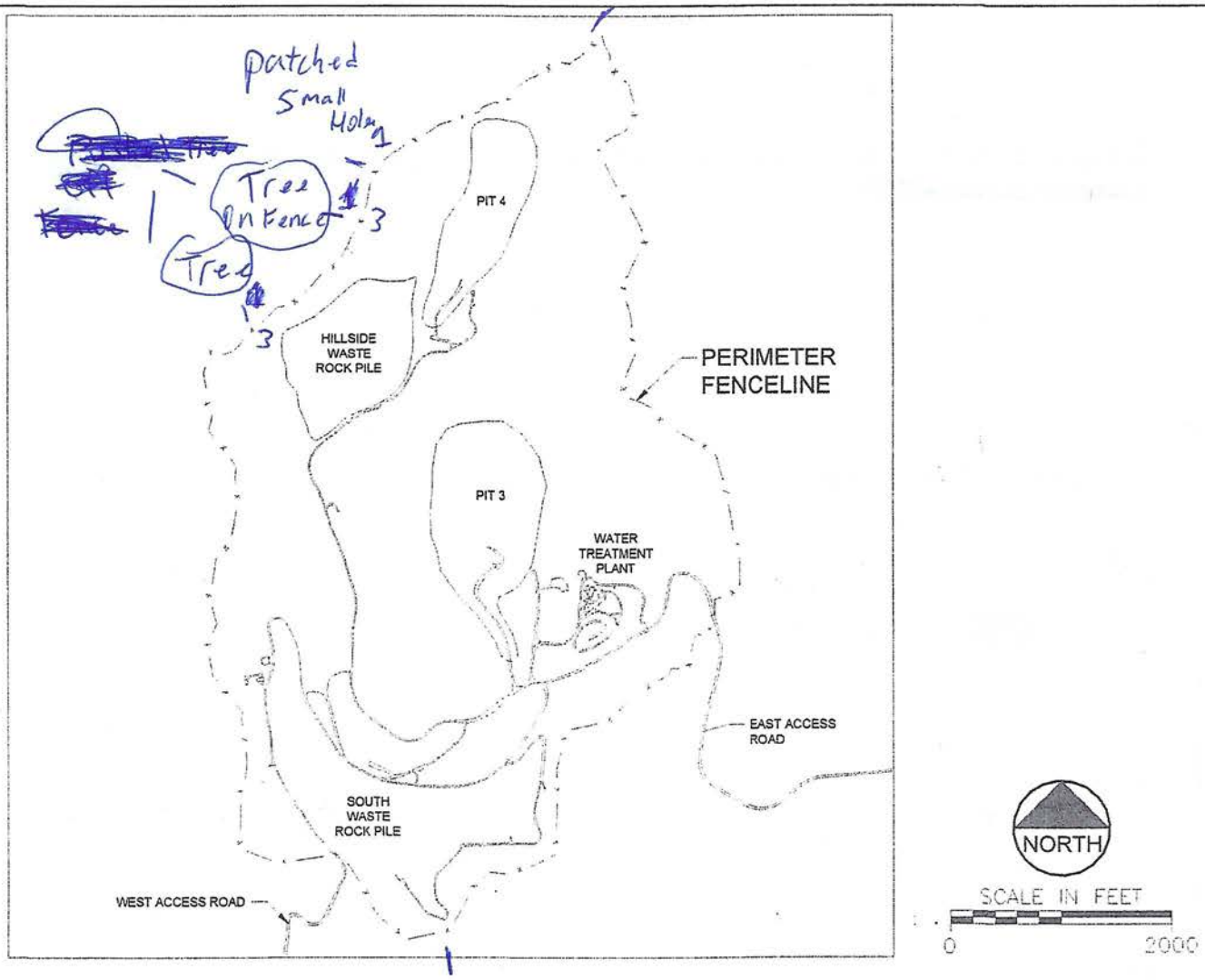
Two trees on Fence

MAINTANENCE COMPLETED:(CIRCLE RATING ON MAP)

Pushed off lots of Branches + patched Holes

COMMENTS:

INDICATE ON MAP AREAS OF NEEDED MAINTANENCE/COMPLETED MAINTANENCE USING RATING



1- Fixed at time of inspection ;No further maintenance needed
2- Temporarily fixed and functional
3- Excessive damage that requires fencing contractor for repairs

*Circle rating if maintenance completed

Signature: Hunter Adoff

Project: Fence Inspection East Side **Date:** 4/29/21
Inspector: Alex Abrahamsen

MONTHLY FENCE INSPECTION

SUMMARY OF FINDINGS: Some medium trees on fence, maybe think about trying to thin out out the thickets in some spots hard to navigate and stay by fence in some areas

EVIDENCE OF WILDLIFE: Coyote dug out holes under fence filled in with rocks

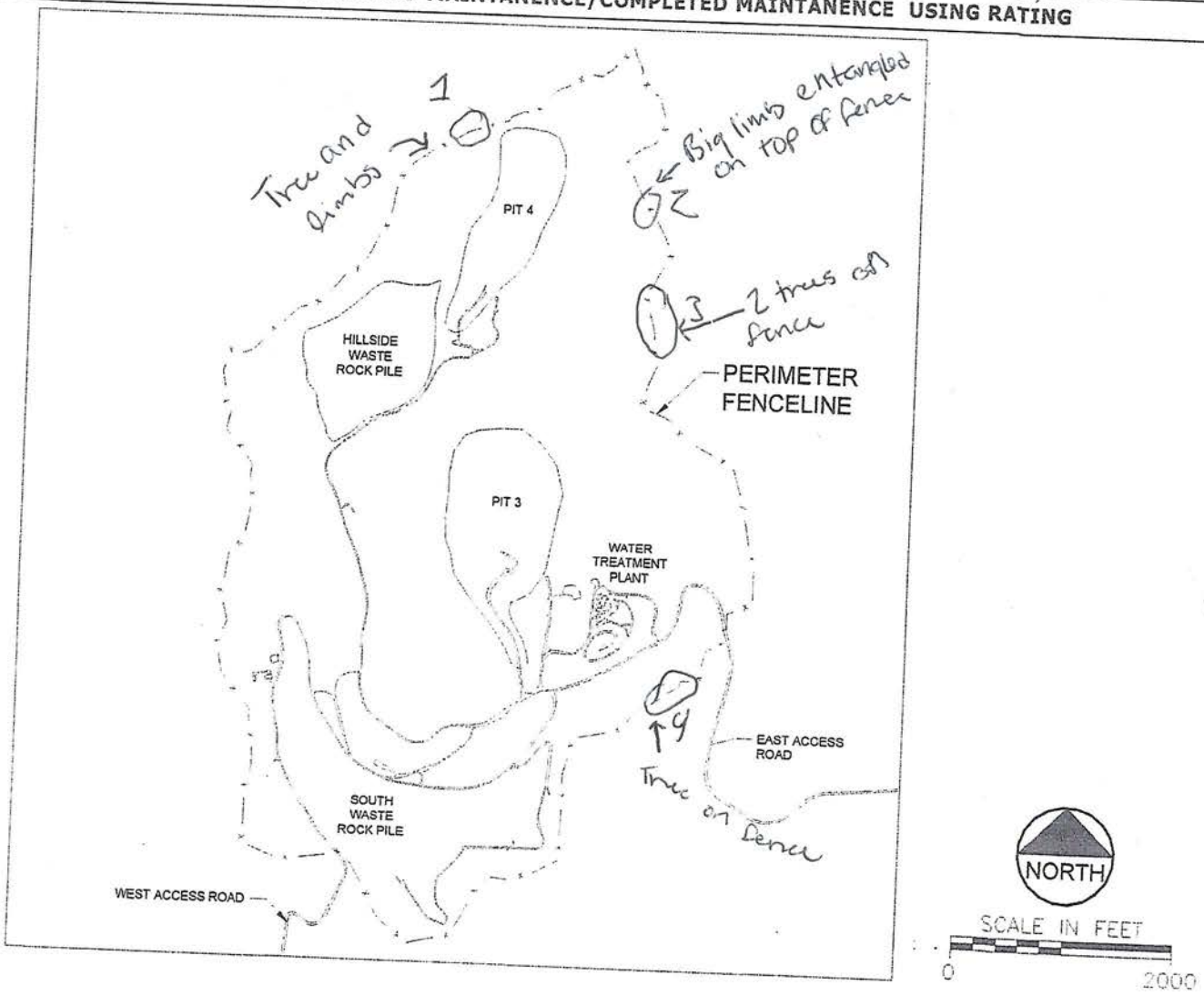
GATES SECURE? ISSUES? Gates were all secure

MAINTANENCE NEEDED: (MARK RATING ON MAP) Tree and limbs on fence (1) limb on tree (2) Two trees on fence (3) Tree on fence (4)

MAINTANENCE COMPLETED:(CIRCLE RATING ON MAP)

COMMENTS: Idea: Clear out some thick spots hard to walk

INDICATE ON MAP AREAS OF NEEDED MAINTANENCE/COMPLETED MAINTANENCE USING RATING



1- Fixed at time of inspection ;No further maintenance needed
2- Temporarily fixed and functional
3- Excessive damage that requires fencing contractor for repairs

*Circle rating if maintenance completed

Signature:

ATTACHMENT 4

Monthly Weather Summary for Midnite Mine

April 2021

Day of Month	Max Solar Rad (W/m^2)	Wind			Air Temperature			Relative Humidity			Precip. (in)
		Ave. (mph)	Ave Dir. (deg)	Max (mph)	Ave. (°F)	Max (°F)	Min (°F)	Ave. (%)	Max (%)	Min (%)	
4/1/2021	764	5.6	173	10.1	49	56	41	38	46	30	0.00
4/2/2021	808	5.2	239	10.9	49	58	37	35	47	28	0.00
4/3/2021	711	3.0	209	7.3	50	56	43	40	52	28	0.00
4/4/2021	296	4.5	196	11.3	45	48	39	57	73	44	0.00
4/5/2021	778	5.3	223	12.6	44	53	34	37	51	25	0.00
4/6/2021	763	4.3	197	10.0	47	57	36	40	56	28	0.00
4/7/2021	708	5.9	193	16.0	45	51	41	49	60	38	0.00
4/8/2021	997	5.7	227	11.2	40	48	33	55	86	32	0.03
4/9/2021	957	6.5	226	13.7	40	49	27	47	67	33	0.00
4/10/2021	961	7.8	201	17.3	37	42	33	46	74	27	0.00
4/11/2021	947	4.4	221	10.4	38	47	30	33	43	20	0.00
4/12/2021	910	6.5	90	15.9	41	47	33	35	39	28	0.00
4/13/2021	812	9.4	55	15.4	43	51	36	30	38	23	0.00
4/14/2021	805	9.0	57	14.9	51	61	41	28	35	22	0.00
4/15/2021	811	7.2	62	14.3	57	66	50	29	37	15	0.00
4/16/2021	821	4.7	77	9.5	58	67	49	26	39	16	0.00
4/17/2021	817	5.8	186	12.0	60	70	50	24	33	16	0.00
4/18/2021	894	7.2	202	16.7	61	71	41	29	67	17	0.00
4/19/2021	831	7.1	82	14.5	45	55	36	33	59	20	0.00
4/20/2021	828	5.3	76	9.3	48	59	40	33	41	24	0.00
4/21/2021	833	5.4	189	11.2	54	65	44	32	40	22	0.00
4/22/2021	1005	5.2	162	14.2	54	62	47	33	44	20	0.00
4/23/2021	865	5.5	188	12.7	50	58	41	40	68	27	0.00
4/24/2021	330	3.8	151	9.0	45	51	41	73	97	36	0.62
4/25/2021	99	5.3	224	15.5	43	49	39	74	82	63	0.00
4/26/2021	1019	5.0	249	12.5	47	55	37	65	92	39	0.00
4/27/2021	871	5.4	225	14.8	50	58	42	51	72	35	0.00
4/28/2021	905	6.3	250	13.0	54	63	44	48	62	37	0.00
4/29/2021	809	4.4	201	11.9	63	72	54	35	53	15	0.00
4/30/2021	925	6.9	237	14.1	59	67	51	40	54	28	0.00
MONTHLY STATISTICS											
Total											0.65
Ave.	796	6	176	13	49	57	40	41	57	28	
Max	1019	9.4	250	17.3	63	72	54	74	97	63	
Min	99	3.0	55	7.3	37	42	27	24	33	15	