

4/22/2020

Determination
Of
Cessation of Operations
Extension Request

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-147
Revised April 3, 2017

Recycling Facility and/or Recycling Containment

Type of Facility: ☒ Recycling Facility ☒ Recycling Containment*

Type of action: ☐ Permit
☐ Modification
☐ Closure

☐ Registration
☒ Extension
☐ Other (explain)

pCS1519728916

* At the time C-147 is submitted to the division for a Recycling Containment, a copy shall be provided to the surface owner.

Be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1. Operator: BASIN DISPOSAL INC (For multiple operators attach page with information) OGRID #: _____
Address: PO BOX 100, AZTEC, NM 87410
Facility or well name (include API# if associated with a well): BASIN WATER RECYCLING
OCD Permit Number: 3RF-2 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr SE 1/4 NE 1/4 & N 1/2 SE 1/4 Section 13 Township 23N Range 7W County: RIO ARriba
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2. ☒ **Recycling Facility:** Conditions of Approval on page 4
Location of recycling facility (if applicable): Latitude 32.225553° N Longitude 107.520556° W NAD83
Proposed Use: ☒ Drilling* ☒ Completion* ☒ Production* ☐ Plugging*
**The re-use of produced water may NOT be used until fresh water zones are cased and cemented*
☐ Other, requires permit for other uses. Describe use, process, testing, volume of produced water and ensure there will be no adverse impact on groundwater or surface water.
☒ Fluid Storage
☒ Above ground tanks ☐ Recycling containment ☐ Activity permitted under 19.15.17 NMAC explain type _____
☐ Activity permitted under 19.15.36 NMAC explain type: _____ ☐ Other explain _____
☐ For multiple or additional recycling containments, attach design and location information of each containment
☐ **Closure Report (required within 60 days of closure completion):** ☐ Recycling Facility Closure Completion Date: _____

3. ☒ **Recycling Containment:**
☐ Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)
Center of Recycling Containment (if applicable): Latitude 36.225553° N Longitude 107.520556° W NAD: ☐ 1927 ☒ 1983
☐ For multiple or additional recycling containments, attach design and location information of each containment
☒ Lined ☒ Liner type: Thickness 45 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☒ String-Reinforced
Liner Seams: ☒ Welded ☒ Factory ☐ Other 11' x 133' Volume: 25000 bbl Dimensions: L _____ x W _____ x D _____
☐ Recycling Containment Closure Completion Date: _____

4.

Bonding:

- ☐ Covered under bonding pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC (These containments are limited to only the wells owned or operated by the owners of the containment.)
- ☒ Bonding in accordance with 19.15.34.15(A)(1). Amount of bond \$ 39,715.00 (work on these facilities cannot commence until bonding amounts are approved)
- ☐ Attach closure cost estimate and documentation on how the closure cost was calculated.

5.

Fencing:

- ☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
- ☐ Alternate. Please specify _____

6.

Signs:

- ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- ☐ Signed in compliance with 19.15.16.8 NMAC

7.

Variances:

Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, human health, and the environment.

Check the below box only if a variance is requested:

- ☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. If a Variance is requested, include the variance information on a separate page and attach it to the C-147 as part of the application.

If a Variance is requested, it must be approved prior to implementation.

8.

Siting Criteria for Recycling Containment

Instructions: The applicant must provide attachments that demonstrate compliance for each siting criteria below as part of the application. Potential examples of the siting attachment source material are provided below under each criteria.

General siting**Ground water is less than 50 feet below the bottom of the Recycling Containment.**

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☐ No
☐ NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

☐ Yes ☐ No
☐ NA

- Written confirmation or verification from the municipality; written approval obtained from the municipality

Within the area overlying a subsurface mine.

☐ Yes ☐ No

- Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division

Within an unstable area.

☐ Yes ☐ No

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map

Within a 100-year floodplain. FEMA map

☐ Yes ☐ No

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

☐ Yes ☐ No

- Topographic map; visual inspection (certification) of the proposed site

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

☐ Yes ☐ No

- Visual inspection (certification) of the proposed site; aerial photo; satellite image

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.

☐ Yes ☐ No

- NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site

9.

Recycling Facility and/or Containment Checklist:

Instructions: Each of the following items must be attached to the application. Indicate, by a check mark in the box, that the documents are attached.

- ☐ Design Plan - based upon the appropriate requirements.
☐ Operating and Maintenance Plan - based upon the appropriate requirements.
☐ Closure Plan - based upon the appropriate requirements.
☐ Site Specific Groundwater Data -
☐ Siting Criteria Compliance Demonstrations -
☐ Certify that notice of the C-147 (only) has been sent to the surface owner(s)

10.

Operator Application Certification:

I hereby certify that the information and attachments submitted with this application are true, accurate and complete to the best of my knowledge and belief.

Name (Print): JOHN VOLKERDING, PHD Title: GENERAL MANAGER
 Signature: [Signature] Date: 4/21/2020
 e-mail address: JVOLKERDING@BASINDISPOSALINC.COM Telephone: 505-334-3013

11.

OCD Representative Signature: [Signature] Approval Date: 5/11/2020

Title: Environmental Specialist OCD Permit Number: 3RF-2

- ☐ OCD Conditions
☒ Additional OCD Conditions on Attachment

From: [Smith, Cory, EMNRD](#)
To: ["John Volkerding"](#)
Cc: [Vermersch, Amy H, EMNRD](#); [Powell, Brandon, EMNRD](#)
Subject: RE: Paper Submittals. / 3RF-2 Extension request.
Date: Monday, May 11, 2020 3:05:00 PM

Mr. Volkerding,

The Oil Conservation Division (OCD) has reviewed the determination of cessation of operations extension request for Basin Water Recycling Containment 3RF-2, received on April 22, 2020, and has approved it with the following conditions of approval:

- Basin Recycling must recycle at least 4,000 BBL's of produced water no later than September 31, 2020 to be considered in operation.
- Basin will maintain at least a minimum liquid level in the containment that is equal to the weight of the liner +20%. Basin may maintain a higher liquid level if they choose. Please provide the liquid level calculation and the minimum liquid level to be maintained to the OCD no later than May, X 2020.
- Basin will provide written notice to the OCD (email to ocd.enviro@state.nm.us) at least 72 hours but no more than 1 week prior to the commencement of operation
 - At the resumption of recycling operation, Basin is required to perform an incremental fluid level test for liquid levels over the minimum maintained level.
 - Basin will pause filling operations every 10% of capacity above the minimum level.
 - Basin will maintain the liquid level for each 10% increase for 24 hours and conduct an inspect of the leak detection system.
 - If there are no liquids present in the leak detection Basin may proceed to the next 10% and repeat the process until the containment full design capacity minus 3ft of freeboard is reached.
 - If liquids are present, the operator must perform a liner inspection and provide a written notice of the detected fluid via email to ocd.enviro@state.nm.us. The operator should cease the incremental fill test until after written OCD approval to proceed is issued.
 - If a leak is confirmed are present Basin must drain the last 10% and perform liner inspection/repair/replacement per 19.15.34.13 NMAC
- Basin will continue to operate, maintain, and close the Basin Water Recycling Containment 3RF-2 in compliance with 19.15.34 NMAC to include but not limited to: detailed inspection records, removal of trash/oil from containment, and monthly C-148 reporting (even if there is zero activity).

Basin may request a variance for an additional extension to the determination of cessation of operations, which will be reviewed on a case-by-case basis and evaluated on their merit.

Extensions are considered for a maximum of six (6) month periods. Additional requests must be submitted to ocd.enviro@state.nm.us on Form C-147 as an Extension request and include a variance request and summary per 19.15.34.16 NMAC, and the detailed inspection records for the prior three (3) months. The extension request should be submitted no later than September 1, 2020.

Please keep a copy of this electronic communication for your files, as no paper copy of the approval

will be delivered. The signed C-147 will be saved in 3RF-2 electronic file on the OCD website.

If you have any additional questions you may contact me at the below email/phone number

Regards,

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: John Volkerding <jvolkerding@basindisposalinc.com>
Sent: Wednesday, April 22, 2020 10:00 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Vermersch, Amy H, EMNRD <AmyH.Vermersch@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>
Subject: [EXT] RE: Paper Submittals.

Good morning! I hope everyone is doing ok given everything

Please find the requested information. If you need anything else I am happy to get that to you

Stay safe, John

From: Smith, Cory, EMNRD [<mailto:Cory.Smith@state.nm.us>]
Sent: Monday, April 20, 2020 8:15 AM
To: John Volkerding
Cc: Vermersch, Amy H, EMNRD; Powell, Brandon, EMNRD
Subject: *External* RE: Paper Submittals.

Good Morning John,

After reviewing the C-103 request I will need some additional information.

- Basin will need to submit an extension request on form C-147 Long with the "Extension" box checked. The form must be complete and include all information in Box 1, 2, 3, 4, and 10.
- Please attach to the C-147 the following
 - A formal request for the extension that explicitly states the reason for the extension request and defines the time period of the extension. Extensions are considered for a maximum of 6 months.
 - Please include the last three (3) months of detailed inspection records to the extension request. Inspection records should include, but are not limited to, weekly leak

detection testing, the absence/presence of water in the leak detection system, notes on the last time the containment was cleaned, and any debris or foreign material found in the leak detection system etc..

If you have any additional questions please give me a call.

Thanks,

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: John Volkerding <jvolkerding@basindisposalinc.com>
Sent: Wednesday, April 15, 2020 9:15 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Vermersch, Amy H, EMNRD <AmyH.Vermersch@state.nm.us>
Subject: [EXT] RE: Paper Submittals.

Good morning All

I apologize, I had not seen the notification on hard copy mail and will definitely submit digitally.

In determining that the March 31, 2020 date I was looking at 19.15.34.13.C "A recycling containment shall be deemed to have ceased operations if less than 20% of the total fluid capacity is used every six months following the first withdrawal of produced water for use."

Going back 12 months at the water withdrawn, I created the following table which would show that March 2020 will be the last month where over the previous 6 month period 20% or more of the 20,000 bbl capacity would have been withdrawn.

Month	Volume	6 Month Volume	% of 20,000 bbls
Mar-19	0	58511	293%
Apr-19	3145	51262	256%
May-19	0	26595	133%
Jun-19	1500	4645	23%
Jul-19	0	4645	23%
Aug-19	0	4645	23%
Sep-19	0	4645	23%

Oct-19	4235	5735	29%
Nov-19	0	5735	29%
Dec-19	0	4235	21%
Jan-20	0	4235	21%
Feb-20	0	4235	21%
Mar-20	0	4235	21%
Apr-20	0	0	0

If I am wrong in my reading of the rule please let me know.

Thanks, John

From: Smith, Cory, EMNRD [<mailto:Cory.Smith@state.nm.us>]
Sent: Wednesday, April 15, 2020 7:46 AM
To: John Volkerding
Cc: Vermersch, Amy H, EMNRD
Subject: *External* Paper Submittals.

Mr. Volkerding,

I received your Extension request and the C-148. I have a few comments quickly.

Frist the office has asked me to remind you to please stop sending physical mail due to the COVID-19 pandemic OCD has requested that all operators submit items digitally as described in [this](#) announcement via our website.

In regards to your Extension request, could you please go back through your production reports and justify the 3/31/2020 cessation of operation date?

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us



30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-632-8936 or 505-334-3013

OPEN 24 Hours per Day

April 21, 2020

Oil Conservation Division
1000 Rio Brazos
Aztec, NM 87410

RE: 3RF-2, Basin Water Recycling Containment

Dear Mr. Smith

Basin Disposal Inc. is requesting a six (6) month extension to the determination of cessation of operations for the Basin Water Recycling Facility (Permit/Registration #3RF-2)

Per 19.15.34.13 C. A recycling containment shall be deemed to have ceased operations if less than 20% of the total fluid capacity is used every six months following the first withdrawal of produced water for use. The operator must report cessation of operations to the appropriate division district office. The appropriate division district office may grant an extension to this determination of cessation of operations not to exceed six months.

Based on the definition of less than 20% of the total fluids capacity being used every six months, unless water is used in April 2020 the operations at the Basin Water Recycling facility would be deemed to have ceased on 3/31/2020.

Given the current state of affairs with COVID19 and oil prices it is doubtful water will be used in April, as such the 6 month extension request is until 9/30/2020.

In determining the March 31, 2020 date, going back 12 months of the water withdrawn, I created the following table which would show that March 2020 will be the last month where over the previous 6 month period 20% or more of the 20,000 bbl capacity would have been withdrawn.

Month	Volume	6 Month Volume	% of 20,000 bbls
Mar-19	0	58511	293%
Apr-19	3145	51262	256%
May-19	0	26595	133%
Jun-19	1500	4645	23%
Jul-19	0	4645	23%
Aug-19	0	4645	23%

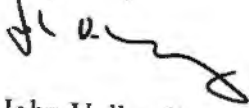
Sep-19	0	4645	23%
Oct-19	4235	5735	29%
Nov-19	0	5735	29%
Dec-19	0	4235	21%
Jan-20	0	4235	21%
Feb-20	0	4235	21%
Mar-20	0	4235	21%
Apr-20	0	0	0

Additionally, permit/registration 3RF-2 was issued July 7, 2015. Under 19.15.34.10 C. *Registered recycling containments may be operated for five years from the date on which the registration is filed with the division. The operator may extend the allowed time on an annual basis thereafter with division approval if, 30 days prior to the registration expiration the operator files a form C-147 with an attached summary showing all monthly inspections at the containment, including the monitoring of the leak detection system, showing the containment's integrity has not been compromised.*

Basin Disposal will be submitting the required paperwork for the annual extension under 19.15.31.10 C within the required time frame for the July 7, 2020 annual extension request.

If you need anything else from me, please feel free to contact me on my cell phone at 505-320-2840 or email at jvolkerding@basindisposalinc.com.

Stay safe,



John Volkerding
Gen Mgr/VP

Encl: C-147, Requesting Extension
Inspection Records Jan-April 2020
Line of Credit

Cc: File

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David Catanach
Division Director
Oil Conservation Division



October 14, 2015

Basin Disposal Inc. dba Basin Water Recycling
PO Box 100
Aztec, NM 87410

FRANKIE G.

Re: \$39,715.00 Produced Water Recycling Facilities Letter of Credit No. **2312**
Basin Disposal Inc. dba Basin Water Recycling, Customer
Citizens Bank, Issuer
In Section 13, Township 23 North, Range 7 West
Order No. 3RF-2-0
Rio Arriba County, NM

Dear Sir:

The New Mexico Oil Conservation Division hereby approves the above-captioned Produced Water Recycling Facilities Letter of Credit No. 2312 which will expire on **September 11, 2020**.

Sincerely,

A handwritten signature in blue ink, appearing to read "Denise Gallegos", is written over a circular stamp.

DENISE GALLEGOS
Bond Administrator

cc: Oil Conservation Division - Aztec District

Citizens Bank
500 West Broadway
Post Office Box 4140
Farmington, NM 87499-4140

Containment Inspection

YEAR 2020 MONTH April WEEK BEGINNING 19

Date	Sun 19	Mon 20	Tues 21	Wed 22	Thu 23	Fri 24	Sat 25
Weather							
Temperature, °F		52					
Skies (clear, pt cldy, cloudy)		clr					
Precipitation (last 24 hr), Inches		-					
Wind Speed (mph)		2					
Wind Direction		W					
Containment Surface							
Migratory Birds Present (Y/N)		N					
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)		Y					
(if no, what is done)							
Oil on Surface (Y/N)		N					
(if yes, was it removed?)							
(if not removed, why/when)							
Containment Inspection							
Depth of Containment Water, ft		4					
3 ft Freeboard Maintained (Y/N)		Y					
(if no, what is done)							
Strutural Defect (Y,N) *		N					
(if yes, what and actions?)							
Leak Detected (Y/N)		N					
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)		N					
Comments							
Verification							
Initials and Time		1045 AM					

BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2020 MONTH April WEEK BEGINNING 12

Date	Sun <u>12</u>	Mon <u>13</u>	Tues <u>14</u>	Wed <u>15</u>	Thu <u>16</u>	Fri <u>17</u>	Sat <u>18</u>
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Weather

Temperature, °F					<u>58</u>		
Skies (clear, pt cldy, cloudy)					<u>pt cldy</u>		
Precipitation (last 24 hr), Inches					<u>-0</u>		
Wind Speed (mph)					<u>19</u>		
Wind Direction					<u>W</u>		

Containment Surface

Migratory Birds Present (Y/N)					<u>N</u>		
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)					<u>Y</u>		
(if no, what is done)							
Oil on Surface (Y/N)					<u>N</u>		
(if yes, was it removed?)							
(if not removed, why/when)							

Containment Inspection

Depth of Containment Water, ft					<u>4</u>		
3 ft Freeboard Maintained (Y/N)					<u>Y</u>		
(if no, what is done)							
Strutural Defect (Y,N) *					<u>N</u>		
(if yes, what and actions?)							
Leak Detected (Y/N)					<u>N</u>		
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)					<u>N</u>		
Comments							

Verification

Intials and Time					<u>JV 3PM</u>		
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BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2020 MONTH 4 WEEK BEGINNING 5

Date	Sun <u>5</u>	Mon <u>6</u>	Tues <u>7</u>	Wed <u>8</u>	Thu <u>9</u>	Fri <u>10</u>	Sat <u>11</u>
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Weather

Temperature, °F			<u>58</u>				
Skies (clear, pt cldy, cloudy)			<u>pt cldy</u>				
Precipitaion (last 24 hr), Inches			<u>-</u>				
Wind Speed (mph)			<u>12</u>				
Wind Direction			<u>S</u>				

Containment Surface

Migratory Birds Present (Y/N)			<u>N</u>				
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)			<u>Y</u>				
(if no, what is done)							
Oil on Surface (Y/N)			<u>N</u>				
(if yes, was it removed?)							
(if not removed, why/when)							

Containment Inspection

Depth of Containment Water, ft			<u>4</u>				
3 ft Freeboard Maintained (Y/N)			<u>Y</u>				
(if no, what is done)							
Strutural Defect (Y,N)			<u>N</u>				
(if yes, what and actions?)							
Leak Detected (Y/N)			<u>N</u>				
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)			<u>N</u>				
Comments							

Verification

Intials and Time			<u>JV EOS</u>				
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BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2020 MONTH March/April WEEK BEGINNING 3/29

Date	Sun <u>29</u>	Mon <u>30</u>	Tues <u>31</u>	Wed <u>1</u>	Thu <u>2</u>	Fri <u>3</u>	Sat <u>4</u>
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Weather							
Temperature, °F				<u>65</u>			
Skies (clear, pt cldy, cloudy)				<u>clr</u>			
Precipitaion (last 24 hr), Inches				<u>-</u>			
Wind Speed (mph)				<u>25</u>			
Wind Direction				<u>W</u>			

Containment Surface							
Migratory Birds Present (Y/N)				<u>N</u>			
(if yes, what action taken?)							
Bird Deterrant Operational (Y/N)				<u>Y</u>			
(if no, what is done)							
Oil on Surface (Y/N)				<u>N</u>			
(if yes, was it removed?)							
(if not removed, why/when)							

Containment Inspection							
Depth of Containment Water, ft				4			
3 ft Freeboard Maintained (Y/N)				Y			
(if no, what is done)							
Strutural Defect (Y,N) *				✓			
(if yes, what and actions?)							
Leak Detected (Y/N)				N			
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)				✓			
Comments							
Verification							
Intials and Time				JV 10:45 p			

BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2020 MONTH 7 WEEK BEGINNING 7-22-20

Date	Sun <u>22</u>	Mon <u>23</u>	Tues <u>24</u>	Wed <u>25</u>	Thu <u>26</u>	Fri <u>27</u>	Sat <u>28</u>
Weather							
Temperature, °F				50°			
Skies (clear, pt cldy, cloudy)				cloudy			
Precipitation (last 24 hr), Inches				0			
Wind Speed (mph)				2.2			
Wind Direction				SW			
Containment Surface							
Migratory Birds Present (Y/N)				N			
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)				Y			
(if no, what is done)							
Oil on Surface (Y/N)				N			
(if yes, was it removed?)							
(if not removed, why/when)							
Containment Inspection							
Depth of Containment Water, ft				4'5"			
3 ft Freeboard Maintained (Y/N)				Y			
(if no, what is done)							
Strutural Defect (Y,N) *				N			
(if yes, what and actions?)							
Leak Detected (Y/N)				N			
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)				N			
Comments							
Verification							
Intials and Time				PL 12:50am			

Containment Inspection

YEAR 2020 MONTH 3 WEEK BEGINNING 3-15-20

Date	Sun 15	Mon 16	Tues 17	Wed 18	Thu 19	Fri 20	Sat 21
Weather							
Temperature, °F						45°	
Skies (clear, pt cldy, cloudy)						pt Cloudy	
Precipitation (last 24 hr), Inches						0	
Wind Speed (mph)						15 mph	
Wind Direction						SE	
Containment Surface							
Migratory Birds Present (Y/N)						N	
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)						✓	
(if no, what is done)							
Oil on Surface (Y/N)						N	
(if yes, was it removed?)							
(if not removed, why/when)							
Containment Inspection							
Depth of Containment Water, ft						4.5"	
3 ft Freeboard Maintained (Y/N)						✓	
(if no, what is done)							
Strutural Defect (Y,N) *						N	
(if yes, what and actions?)							
Leak Detected (Y/N)						N	
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)						N	
Comments							
Verification							
Initials and Time						fb	11:30A

BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2020 MONTH 3 WEEK BEGINNING 3-8-20

Date	Sun <u>8</u>	Mon <u>9</u>	Tues <u>10</u>	Wed <u>11</u>	Thu <u>12</u>	Fri <u>13</u>	Sat <u>14</u>
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Weather							
Temperature, °F		<u>35°</u>					
Skies (clear, pt cldy, cloudy)		<u>clear</u>					
Precipitation (last 24 hr), Inches		<u>0</u>					
Wind Speed (mph)		<u>10</u>					
Wind Direction		<u>S</u>					

Containment Surface							
Migratory Birds Present (Y/N)		<u>N</u>					
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)		<u>✓</u>					
(if no, what is done)							
Oil on Surface (Y/N)		<u>N</u>					
(if yes, was it removed?)							
(if not removed, why/when)							

Containment Inspection							
Depth of Containment Water, ft		4'5"					
3 ft Freeboard Maintained (Y/N)		Y					
(if no, what is done)							
Strutural Defect (Y,N) *		N					
(if yes, what and actions?)							
Leak Detected (Y/N)		N					
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)		N					
Comments							
Verification							
Intials and Time		PG 9:00am					

Containment Inspection

YEAR 2020

MONTH

March

WEEK BEGINNING

1

Date	Sun 1	Mon 2	Tues 3	Wed 4	Thu 5	Fri 6	Sat 7
Weather							
Temperature, °F				30°			
Skies (clear, pt cldy, cloudy)				pt cldy			
Precipitaion (last 24 hr), Inches				0			
Wind Speed (mph)				10			
Wind Direction				S			
Containment Surface							
Migratory Birds Present (Y/N)				N			
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)				Y			
(if no, what is done)							
Oil on Surface (Y/N)				N			
(if yes, was it removed?)							
(if not removed, why/when)							
Containment Inspection							
Depth of Containment Water, ft				4'5"			
3 ft Freeboard Maintained (Y/N)				Y			
(if no, what is done)							
Strutural Defect (Y,N) *				N			
(if yes, what and actions?)							
Leak Detected (Y/N)				N			
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)				N			
Comments							
Verification							
Initials and Time				fb			
				10:00pm			

**BASIN WATER RECYCLING
Containment Inspection**

YEAR 2020

MONTH Feb

WEEK BEGINNING 2/23

Date	Sun <u>23</u>	Mon <u>24</u>	Tues <u>25</u>	Wed <u>26</u>	Thu <u>27</u>	Fri <u>28</u>	Sat <u>29</u>
Weather							
Temperature, °F					<u>44</u>		
Skies (clear, pt cldy, cloudy)					<u>clr</u>		
Precipitaion (last 24 hr), Inches					<u>—</u>		
Wind Speed (mph)					<u>10</u>		
Wind Direction					<u>SW</u>		
Containment Surface							
Migratory Birds Present (Y/N)					<u>N</u>		
(if yes, what action taken?)							
Bird Deterrant Operational (Y/N)					<u>Y</u>		
(if no, what is done)							
Oil on Surface (Y/N)					<u>N</u>		
(if yes, was it removed?)							
(if not removed, why/when)							
Containment Inspection							
Depth of Containment Water, ft					<u>4</u>		
3 ft Freeboard Maintained (Y/N)					<u>Y</u>		
(if no, what is done)							
Strutural Defect (Y,N) *					<u>N</u>		
(if yes, what and actions?)							
Leak Detected (Y/N)					<u>N</u>		
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)					<u>N</u>		
Comments	<u>Snow/Ice</u>						
Verification							
Intials and Time					<u>SV</u>		

BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2020 MONTH February WEEK BEGINNING 2/16

Date	Sun 16	Mon 17	Tues 18	Wed 19	Thu 20	Fri 21	Sat 22
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Weather							
Temperature, °F				42			
Skies (clear, pt cldy, cloudy)				pt Cloudy			
Precipitation (last 24 hr), Inches				yes			
Wind Speed (mph)				7			
Wind Direction							

Containment Surface							
Migratory Birds Present (Y/N)				N			
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)				Y			
(if no, what is done)							
Oil on Surface (Y/N)				N			
(if yes, was it removed?)							
(if not removed, why/when)							

Containment Inspection							
Depth of Containment Water, ft				4			
3 ft Freeboard Maintained (Y/N)				Y			
(if no, what is done)							
Strutural Defect (Y,N) *				N			
(if yes, what and actions?)							
Leak Detected (Y/N)				N			
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)				N			
Comments	Snow						

Verification							
Intials and Time				C.S.			

BASIN WATER RECYCLING Containment Inspection

YEAR 2020 MONTH Feb WEEK BEGINNING 2/9

Date	Sun <u>9</u>	Mon <u>10</u>	Tues <u>11</u>	Wed <u>12</u>	Thu <u>13</u>	Fri <u>14</u>	Sat <u>15</u>
Weather							
Temperature, °F						<u>46</u>	
Skies (clear, pt cldy, cloudy)						<u>Pt Clcd</u>	
Precipitation (last 24 hr), Inches						<u>-</u>	
Wind Speed (mph)						<u>09</u>	
Wind Direction							
Containment Surface							
Migratory Birds Present (Y/N)						<u>N</u>	
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)						<u>Y</u>	
(if no, what is done)							
Oil on Surface (Y/N)						<u>N</u>	
(if yes, was it removed?)							
(if not removed, why/when)							
Containment Inspection							
Depth of Containment Water, ft						<u>4</u>	
3 ft Freeboard Maintained (Y/N)						<u>Y</u>	
(if no, what is done)							
Structural Defect (Y,N) *						<u>N</u>	
(if yes, what and actions?)							
Leak Detected (Y/N)						<u>N</u>	
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)						<u>N</u>	
Comments	<u>slow</u>						
Verification							
Initials and Time						<u>TV 2:28</u>	

BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2020 MONTH February WEEK BEGINNING 2/2

Date	Sun	Mon	Tues	Wed	Thu	Fri	Sat
	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>

Weather

Temperature, °F				<u>40</u>			
Skies (clear, pt cldy, cloudy)				<u>Pt Cloudy</u>			
Precipitaion (last 24 hr), Inches				<u>yes</u>			
Wind Speed (mph)				<u>7</u>			
Wind Direction							

Containment Surface

Migratory Birds Present (Y/N)				<u>N</u>			
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)				<u>Y</u>			
(if no, what is done)							
Oil on Surface (Y/N)				<u>N</u>			
(if yes, was it removed?)							
(if not removed, why/when)							

Containment Inspection

Depth of Containment Water, ft				<u>4</u>			
3 ft Freeboard Maintained (Y/N)				<u>Y</u>			
(if no, what is done)							
Strutural Defect (Y,N) *				<u>N</u>			
(if yes, what and actions?)							
Leak Detected (Y/N)				<u>N</u>			
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)				<u>N</u>			
Comments	<u>Snow</u>						

Verification

Intials and Time				<u>C.S.</u>			
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BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2020 MONTH Jan WEEK BEGINNING 1/26

Date	Sun <u>26</u>	Mon <u>27</u>	Tues <u>28</u>	Wed <u>29</u>	Thu <u>30</u>	Fri <u>31</u>	Sat <u>1</u>
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Weather							
Temperature, °F		<u>40</u>					
Skies (clear, pt cldy, cloudy)		<u>pt cldy</u>					
Precipitaion (last 24 hr), Inches		<u>yes</u>					
Wind Speed (mph)		<u>7</u>					
Wind Direction							

Containment Surface							
Migratory Birds Present (Y/N)		<u>N</u>					
(if yes, what action taken?)							
Bird Deterrant Operational (Y/N)		<u>Y</u>					
(if no, what is done)							
Oil on Surface (Y/N)		<u>N</u>					
(if yes, was it removed?)							
(if not removed, why/when)							

Containment Inspection							
Depth of Containment Water, ft		4					
3 ft Freeboard Maintained (Y/N)		Y					
(if no, what is done)							
Strutural Defect (Y,N) *		N					
(if yes, what and actions?)							
Leak Detected (Y/N)		N					
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)		N					
Comments	Snow						
Verification							
Intials and Time		SV					

BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2020 MONTH Jan WEEK BEGINNING 1/19/20

Date	Sun <u>1/19</u>	Mon <u>20</u>	Tues <u>21</u>	Wed <u>22</u>	Thu <u>1/23</u>	Fri <u>1/24</u>	Sat <u>25</u>
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Weather

Temperature, °F					<u>46</u>		
Skies (clear, pt cldy, cloudy)					<u>clear</u>		
Precipitaion (last 24 hr), Inches					<u>yes</u>		
Wind Speed (mph)					<u>7</u>		
Wind Direction							

Containment Surface

Migratory Birds Present (Y/N)					<u>N</u>		
(if yes, what action taken?)							
Bird Deterrant Operational (Y/N)					<u>Y</u>		
(if no, what is done)							
Oil on Surface (Y/N)					<u>N</u>		
(if yes, was it removed?)							
(if not removed, why/when)							

Containment Inspection

Depth of Containment Water, ft					<u>4</u>		
3 ft Freeboard Maintained (Y/N)					<u>Y</u>		
(if no, what is done)							
Strutural Defect (Y,N) *					<u>N</u>		
(if yes, what and actions?)							
Leak Detected (Y/N)					<u>N</u>		
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)					<u>N</u>		
Comments	<u>Snow packed</u>						

Verification

Intials and Time					<u>2:20 PM</u>		
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BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2020 MONTH Jan WEEK BEGINNING _____

Date	Sun	Mon 1/13	Tues	Wed	Thu	Fri 1/17	Sat
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Weather

Temperature, °F		39				32	
Skies (clear, pt cldy, cloudy)		cl				pt cldy	
Precipitation (last 24 hr), Inches		0				3"	
Wind Speed (mph)		15				0-5	
Wind Direction		N-E					

Containment Surface

Migratory Birds Present (Y/N)		N				N	
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)		Y				Y	
(if no, what is done)							
Oil on Surface (Y/N)		N				N	
(if yes, was it removed?)							
(if not removed, why/when)							

Containment Inspection

Depth of Containment Water, ft		4				4	
3 ft Freeboard Maintained (Y/N)		Y				Y	
(if no, what is done)							
Strutural Defect (Y,N) *		N				N	
(if yes, what and actions?)							
Leak Detected (Y/N)		N				N	
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)		N				N	
Comments	3" sq						
Verification							
Intials and Time		JV 1239				JV 10:19	

BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPS/Daily Inspection

YEAR 2019 MONTH Jan WEEK BEGINNING _____

Date	Sun	Mon	Tues	Wed	Thu	Fri	Sat 1/10
Weather							
Temperature, °F							31
Skies (clear, pt cldy, cloudy)							cr
Precipitation (last 24 hr), Inches							Y
Wind Speed (mph)							12
Wind Direction							N 5
Containment Surface							
Migratory Birds Present (Y/N)							N
(if yes, what action taken?)							
Bird Deterrent Operational (Y/N)							Y
(if no, what is done)							
Oil on Surface (Y/N)							N
(if yes, was it removed?)							
(if not removed, why/when)							
Containment Inspection							
Depth of Containment Water, ft							4
3 ft Freeboard Maintained (Y/N)							Y
(if no, what is done)							
Structural Defect (Y,N) *							N
(if yes, what and actions?)							
Leak Detected (Y/N)							N
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)							N
Comments							
Verification							
Initials and Time							SV 9/300

BASIN WATER RECYCLING Containment Inspection

Basin Operations/SOPs/Daily Inspection

YEAR 2019 MONTH Jun WEEK BEGINNING _____

Date	Sun	Mon	Tues	Wed <u>1/12</u>	Thu	Fri	Sat
Weather							
Temperature, °F				<u>28</u>			
Skies (clear, pt cldy, cloudy)				<u>cldy</u>			
Precipitaion (last 24 hr), Inches				<u>Y</u>			
Wind Speed (mph)				<u>10</u>			
Wind Direction				<u>N3</u>			
Containment Surface							
Migratory Birds Present (Y/N)				<u>N</u>			
(if yes, what action taken?)							
Bird Deterrant Operational (Y/N)				<u>Y</u>			
(if no, what is done)							
Oil on Surface (Y/N)				<u>N</u>			
(if yes, was it removed?)							
(if not removed, why/when)							
Containment Inspection							
Depth of Containment Water, ft				<u>4</u>			
3 ft Freeboard Maintained (Y/N)				<u>Y</u>			
(if no, what is done)							
Strutural Defect (Y,N) *				<u>N</u>			
(if yes, what and actions?)							
Leak Detected (Y/N)				<u>N</u>			
(if yes, what and actions?)							
Run On/Off Water Present (Y/N)				<u>N</u>			
Comments	<u>SNOW</u>						
Verification							
Intials and Time				<u>SV 10/12</u>			