

## **WEEKLY INSPECTION CHECKLIST FOR SURFACE IMPOUNDMENTS**

### **INSTRUCTIONS:**

- 1) An inspection of each ash pond and related embankments/berms at the Station must be conducted:
  - a. Not less than every 7 days, and
  - b. Within 24 hours after a storm event greater than or equal to 6.20 inches.
- 2) The inspection must be conducted by a "qualified person" and the inspection records should be maintained at the Station for five years.
- 3) This is for all active and inactive ponds.
- 4) Not less than every 30 days, the qualified person must also inspect the CCR Unit Instrumentation.

### **GENERAL INFORMATION:**

- |  |  |  |                              |
|--|--|--|------------------------------|
| 1) Date                                    | 6/23/2021                                  |  |                              |
| 2) Pond Name                               | Ash Surge Basin (ASB)                      |  |                              |
| 3) Type of Inspection                      | 7-day <input checked="" type="checkbox"/>  | Storm Event <input type="checkbox"/>     |                              |
| 4) General Condition                       | EMPTY <input type="checkbox"/>             | FULL <input checked="" type="checkbox"/> |                              |
| 5) In Service                              | YES <input checked="" type="checkbox"/>    | NO <input type="checkbox"/>              |                              |
| 6) Is Ash Being Removed During Inspection? | YES <input type="checkbox"/>               | NO <input checked="" type="checkbox"/>   |                              |
| 7) Water Level in Pond                     | NORMAL <input checked="" type="checkbox"/> | HIGH <input type="checkbox"/>            | LOW <input type="checkbox"/> |

### **PHYSICAL INSPECTION:**

Is the impoundment incised? YES ☐ NO ☒ If yes, skip down to Question 9.

- |   | YES                      | NO                                  |
|---|--------------------------|-------------------------------------|
| 1) Seepage from or through embankment?                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2) Sinkholes/Depressions/Bulges in Pond or embankments?               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3) Signs of Piping/Channels or other Internal Erosion on embankments? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4) Cracking on Embankments/Berms?                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5) Animal Burrows on embankments?                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6) Excessive or Lacking Vegetative Cover on embankments?              | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7) Slope Erosion on berms or embankments?                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8) Debris on embankments/berms?                                       | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

9) Deterioration, malfunctions, or improper operation of overtopping control systems ☐ ☒

10) Visible Releases ☐ ☒

11) If Yes to any of the above, or any other abnormalities are noted, please describe/explain:

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12) Is there any damage to Pond Liner: YES ☐ NO ☒ N/A ☐

12.a) If YES, Describe in Detail: \_\_\_\_\_

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12.b) Specific Location: \_\_\_\_\_

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12.c) Is Water Level Below Damage? YES ☐ NO ☐ N/A ☒

12.d) If No, Did You Reduce Pond Level? YES ☐ N/A ☒

12.e) Notified Shift Supervisor of Damage? YES ☐ Date Notified: \_\_\_\_\_ N/A ☒

12.f) Notified Station Management of Damage? YES ☐ Date Notified: \_\_\_\_\_ N/A ☒

12.g) Additional Comments: \_\_\_\_\_

**30-DAY INSPECTION OF UNIT INSTRUMENTATION**

	GOOD	NEEDS REPAIR	N/A
1) Pump Conditions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Polymer System	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3) Wetwell/Basin Level	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4) Freeboard Measuring Device(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Other Device(s) (pH meter)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Describe any "Needs Repair" checked above: \_\_\_\_\_

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Inspector: \_\_\_\_\_  \_\_\_\_\_

## WEEKLY INSPECTION CHECKLIST FOR SURFACE IMPOUNDMENTS

### INSTRUCTIONS:

- 1) An inspection of each ash pond and related embankments/berms at the Station must be conducted:
  - a. Not less than every 7 days, and
  - b. Within 24 hours after a storm event greater than or equal to 6.20 inches.
- 2) The inspection must be conducted by a "qualified person" and the inspection records should be maintained at the Station for five years.
- 3) This is for all active and inactive ponds.
- 4) Not less than every 30 days, the qualified person must also inspect the CCR Unit Instrumentation.

### GENERAL INFORMATION:

- |  |   |  |   |
|--|---|--|---|
| 1) Date                                    | 6/23/21                                   |  |   |
| 2) Pond Name                               | Ash Bypass Basin (ABB)                    |  |   |
| 3) Type of Inspection                      | 7-day <input checked="" type="checkbox"/> | Storm Event <input type="checkbox"/>   |   |
| 4) General Condition                       | EMPTY <input checked="" type="checkbox"/> | FULL <input type="checkbox"/>          |   |
| 5) In Service                              | YES <input type="checkbox"/>              | NO <input checked="" type="checkbox"/> |   |
| 6) Is Ash Being Removed During Inspection? | YES <input type="checkbox"/>              | NO <input checked="" type="checkbox"/> |   |
| 7) Water Level in Pond                     | NORMAL <input type="checkbox"/>           | HIGH <input type="checkbox"/>          | LOW <input checked="" type="checkbox"/> |

### PHYSICAL INSPECTION:

Is the impoundment incised? YES ☐ NO ☒ If yes, skip down to Question 9.

- |   | YES                      | NO                                  |
|---|--------------------------|-------------------------------------|
| 1) Seepage from or through embankment?                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2) Sinkholes/Depressions/Bulges in Pond or embankments?               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3) Signs of Piping/Channels or other Internal Erosion on embankments? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4) Cracking on Embankments/Berms?                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5) Animal Burrows on embankments?                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6) Excessive or Lacking Vegetative Cover on embankments?              | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7) Slope Erosion on berms or embankments?                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8) Debris on embankments/berms?                                       | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

9) Deterioration, malfunctions, or improper operation of overtopping control systems ☐ ☒

10) Visible Releases ☐ ☒

11) If Yes to any of the above, or any other abnormalities are noted, please describe/explain:

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12) Is there any damage to Pond Liner: YES ☐ NO ☒ N/A ☐

12.a) If YES, Describe in Detail: \_\_\_\_\_

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12.b) Specific Location: \_\_\_\_\_

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12.c) Is Water Level Below Damage? YES ☐ NO ☒ N/A ☒

12.d) If No, Did You Reduce Pond Level? YES ☐ N/A ☒

12.e) Notified Shift Supervisor of Damage? YES ☐ Date Notified: \_\_\_\_\_ N/A ☒

12.f) Notified Station Management of Damage? YES ☐ Date Notified: \_\_\_\_\_ N/A ☒

12.g) Additional Comments: The Ash Bypass Basin has been closed off. It is currently in the process of dewatering and emptying.

### 30-DAY INSPECTION OF UNIT INSTRUMENTATION

	GOOD	NEEDS REPAIR	N/A
1) Pump Conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2) Polymer System	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3) Wetwell/Basin Level	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4) Freeboard Measuring Device(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5) Other Device(s) (pH meter)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Describe any "Needs Repair" checked above: \_\_\_\_\_

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Inspector: \_\_\_\_\_

## **WEEKLY INSPECTION CHECKLIST FOR SURFACE IMPOUNDMENTS**

### **INSTRUCTIONS:**

- 1) An inspection of each ash pond and related embankments/berms at the Station must be conducted:
  - a. Not less than every 7 days, and
  - b. Within 24 hours after a storm event greater than or equal to 6.20 inches.
- 2) The inspection must be conducted by a "qualified person" and the inspection records should be maintained at the Station for five years.
- 3) This is for all active and inactive ponds.
- 4) Not less than every 30 days, the qualified person must also inspect the CCR Unit Instrumentation.

### **GENERAL INFORMATION:**

- |  |   |  |   |
|--|---|--|---|
| 1) Date                                    | 6/23/21                                   |  |   |
| 2) Pond Name                               | Metals Cleaning Basin (MCB)               |  |   |
| 3) Type of Inspection                      | 7-day <input checked="" type="checkbox"/> | Storm Event <input type="checkbox"/>   |   |
| 4) General Condition                       | EMPTY <input checked="" type="checkbox"/> | FULL <input type="checkbox"/>          |   |
| 5) In Service                              | YES <input type="checkbox"/>              | NO <input checked="" type="checkbox"/> |   |
| 6) Is Ash Being Removed During Inspection? | YES <input type="checkbox"/>              | NO <input checked="" type="checkbox"/> |   |
| 7) Water Level in Pond                     | NORMAL <input type="checkbox"/>           | HIGH <input type="checkbox"/>          | LOW <input checked="" type="checkbox"/> |

### **PHYSICAL INSPECTION:**

Is the impoundment incised? YES ☐ NO ☒ If yes, skip down to Question 9.

- |   | YES                      | NO                                  |
|---|--------------------------|-------------------------------------|
| 1) Seepage from or through embankment?                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2) Sinkholes/Depressions/Bulges in Pond or embankments?               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3) Signs of Piping/Channels or other Internal Erosion on embankments? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4) Cracking on Embankments/Berms?                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5) Animal Burrows on embankments?                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6) Excessive or Lacking Vegetative Cover on embankments?              | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7) Slope Erosion on berms or embankments?                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8) Debris on embankments/berms?                                       | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

9) Deterioration, malfunctions, or improper operation of overtopping control systems ☐ ☒

10) Visible Releases ☐ ☒

11) If Yes to any of the above, or any other abnormalities are noted, please describe/explain:

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12) Is there any damage to Pond Liner: YES ☒ NO ☐ N/A ☐

12.a) If YES, Describe in Detail: Clean Air and Water Services- contractor -repaired 3 liner holes less than 5 inches each on 6/22/21. These were located near the top of the liner.

12.b) Specific Location: At northeast top corner. These were discovered and repaired on the same day. See photos attached.

12.c) Is Water Level Below Damage? YES ☒ NO ☐ N/A ☐

12.d) If No, Did You Reduce Pond Level? YES ☐ N/A ☒

12.e) Notified Shift Supervisor of Damage? YES ☐ Date Notified: \_\_\_\_\_ N/A ☒

12.f) Notified Station Management of Damage? YES ☐ Date Notified: \_\_\_\_\_ N/A ☒

12.g) Additional Comments: \_\_\_\_\_

### 30-DAY INSPECTION OF UNIT INSTRUMENTATION

	GOOD	NEEDS REPAIR	N/A
1) Pump Conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2) Polymer System	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3) Wetwell/Basin Level	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4) Freeboard Measuring Device(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5) Other Device(s) (pH meter)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Describe any "Needs Repair" checked above: \_\_\_\_\_

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Inspector: \_\_\_\_\_  \_\_\_\_\_

## WEEKLY INSPECTION CHECKLIST FOR SURFACE IMPOUNDMENTS (FAB)

### INSTRUCTIONS:

- 1) An inspection of each ash pond and related embankments/berms at the Stations must be conducted:
  - a. Not less than every 7 days, and
  - b. Within 24 hours after a storm event greater or equal to 6.20 inches.
- 2) The inspection must be conducted by a "qualified person" and the inspection records should be maintained at the Station for five years.
- 3) This is for all active and inactive ponds.
- 4) Not less than every 30 days, the qualified person must also inspect the CCR Unit Instrumentation.

### GENERAL INFORMATION:

- |  |   |
|--|---|
| 1) Date                                    | 6/23/2021   |
| 2) Pond Name                               | Former Ash Basin (FAB)  |
| 3) Type of Inspection                      | 7-day <input checked="" type="checkbox"/> Storm Event <input type="checkbox"/>                        |
| 4) General Condition                       | EMPTY <input checked="" type="checkbox"/> FULL <input type="checkbox"/>                               |
| 5) In Service                              | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>                                   |
| 6) Is Ash Being Removed During Inspection? | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>                                   |
| 7) Water Level in Pond                     | NORMAL <input type="checkbox"/> HIGH <input type="checkbox"/> LOW <input checked="" type="checkbox"/> |

### PHYSICAL INSPECTION:

Is the impoundment incised? YES ☐ NO ☒ If yes, skip down to Question 9.

- |  | YES                                 | NO                                  |
|--|-------------------------------------|-------------------------------------|
| 1) Seepage from or through embankment?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2) Sinkholes/Depressions/Bulges in Pond or embankments?                              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 3) Signs of Piping/Channels or other Internal Erosion on embankments?                | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4) Cracking on Embankments/Berms?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5) Animal Burrows on embankments?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 6) Excessive or Lacking Vegetative Cover on embankments?                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 7) Slope Erosion on berms or embankments?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 8) Debris on embankments/berms?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 9) Deterioration, malfunctions, or improper operation of overtopping control systems | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

10) Visible Releases

☐☒

11) If Yes to any of the above, or any other abnormalities are noted, please describe/explain:

There are some large trees growing in the embankment and one area where the side of the embankment appears to have eroded. No significant changes in these conditions were observed. Permitting for closure of the FAB is in progress. A tree fell on the embankment hence "debris" is checked Yes. It was removed but another storm came through and a different tree fell.

12) Is there any significant damage to the embankment: YES ☐ NO ☒

12.a) If YES, Describe in Detail: \_\_\_\_\_

\_\_\_\_\_

12.b) Specific Location: \_\_\_\_\_

\_\_\_\_\_

12.c) Is Water Level Below Damage? YES ☐ NO ☐ N/A ☒

12.d) If No, Did You Reduce Pond Level? YES ☐ N/A ☒

12.e) Notified Shift Supervisor of Damage? YES ☐ Date Notified: \_\_\_\_\_ N/A ☒

12.f) Notified Station Management of Damage? YES ☐ Date Notified: \_\_\_\_\_ N/A ☒

12.g) Additional Comments: \_\_\_\_\_

Inspector: \_\_\_\_\_  \_\_\_\_\_