

Caldwell Industrial Airport SWM Maintenance

Control Measure Maintenance Records

Control Measure: AP-02 Pond

Regular Maintenance Activities: Fix rill erosion, remove trash/debris, and trim vegetation

Regular Maintenance Schedule: As needed, based on quarterly facility inspection results

Date of Maintenance Action: 4/12/2021

Reason for Action: Regular Maintenance Discovery of Problem

If Problem,

- **Description of Action Required:** Street department added cobble to the bank to address the rill erosion, trimmed the vegetation around the outlet, and removed trash from the bottom of the pond.

- **Date Control Measure Returned to Full Function:** 4/14/2021

- **Justification for Extended Schedule, if applicable:** N/A

Notes: See photo of pond with cobble on bank:



Control Measure: AP-03 Manhole

Regular Maintenance Activities: Remove sediment eroded onto lid, trim back vegetation

Regular Maintenance Schedule: As needed, based on quarterly facility inspection results

Date of Maintenance Action: 4/12/2021

Reason for Action: Regular Maintenance Discovery of Problem

If Problem,

- **Description of Action Required:** Street department removed sediment from the lid and trimmed back vegetation.

- **Date Control Measure Returned to Full Function:** 4/14/2021

- **Justification for Extended Schedule, if applicable:** N/A

Notes: See photo of clean manhole lid:



Control Measure: AP-04 Pond

Regular Maintenance Activities: Fix erosion, remove trash/debris

Regular Maintenance Schedule: As needed, based on quarterly facility inspection results

Date of Maintenance Action: 4/12/2021

Reason for Action: Regular Maintenance Discovery of Problem

If Problem,

- **Description of Action Required:** Street department applied cover to exposed soils in contributing area, placed cobble along the natural drainage pathway to the west/southwest corner of the pond that was eroding, graded bank of pond for seed application.

- **Date Industrial Equipment Returned to Full Function:** 4/14/2021

- **Justification for Extended Schedule, if applicable:** N/A

Notes: See photos of graded slope, covered ground, and cobble along drainage pathway:



Date of Maintenance Action: 6/9/2021

Reason for Action: Regular Maintenance Discovery of Problem

If Problem,

- **Description of Action Required:** Side slopes of stormwater pond eroding. To stabilize the soils, the slopes were seeded with a quick-growing vegetation.

- **Date Industrial Equipment Returned to Full Function:** TBD

- **Justification for Extended Schedule, if applicable:** Slopes have been seeded, waiting for vegetation to establish.

Notes: Photos to be added when vegetative cover establishes.

Control Measure: AP-06 Pond

Regular Maintenance Activities: Remove accumulated sediment, remove trash/debris, and trim vegetation

Regular Maintenance Schedule: As needed, based on quarterly facility inspection results

Date of Maintenance Action: 4/12/2021

Reason for Action: **Regular Maintenance** **Discovery of Problem**

If Problem,

- **Description of Action Required:** Street department removed sediment from inlet pipe, trimmed vegetation around pipe.

- **Date Industrial Equipment Returned to Full Function:** 4/14/2021

- **Justification for Extended Schedule, if applicable:** N/A

Notes: See photo of inlet pipe:



Date of Maintenance Action: 6/9/2021

Reason for Action: **Regular Maintenance** **Discovery of Problem**

If Problem,

- **Description of Action Required:** Vegetation around inlet pipe was over-cleared. Additional vegetation was planted to stabilize soils.

- **Date Industrial Equipment Returned to Full Function:** TBD

- **Justification for Extended Schedule, if applicable:** Slopes have been seeded, waiting for vegetation to establish.

Notes: Photos to be added when vegetative cover establishes.

Control Measure: AP-08 Pond

Regular Maintenance Activities: Remove accumulated sediment, remove trash/debris, and trim vegetation

Regular Maintenance Schedule: As needed, based on quarterly facility inspection results

Date of Maintenance Action: 4/12/2021

Reason for Action: Regular Maintenance Discovery of Problem

If Problem,

- **Description of Action Required:** Dredged the bottom of the channel, to remove accumulated sediment, added cobble to reduce erosion and encourage sediment settling out of water moving through the channel. Drain lines cleaned out to remove accumulated sediment.
- **Date Industrial Equipment Returned to Full Function:** 4/14/2021
- **Justification for Extended Schedule, if applicable:** N/A

Notes: See photos of cleaned channel, channel with cobble:





Date of Maintenance Action: 4/12/2021

Reason for Action: Regular Maintenance Discovery of Problem

If Problem,

- **Description of Action Required:** Addressed severe erosion around inlet to AP-08, removed failed concrete cap, installed new flat cap and sealed the inlet, covered, compacted, and leveled the surrounding area.

- **Date Industrial Equipment Returned to Full Function:** 4/14/2021

- **Justification for Extended Schedule, if applicable:** N/A

Notes: See photos of failed concrete cap being removed and finished inlet area:



Date of Maintenance Action: 6/9/2021

Reason for Action: Regular Maintenance Discovery of Problem

If Problem,

- **Description of Action Required:** Side slopes of stormwater swale eroding. To stabilize the soils, the slopes were seeded with a quick-growing vegetation.

- **Date Industrial Equipment Returned to Full Function:** TBD

- **Justification for Extended Schedule, if applicable:** Slopes have been seeded, waiting for vegetation to establish.

Notes: Photos to be added when vegetative cover establishes.

Control Measure: AP-09 Pond

Regular Maintenance Activities: Remove accumulated sediment, remove trash/debris, plant additional vegetative cover

Regular Maintenance Schedule: As needed, based on quarterly facility inspection results

Date of Maintenance Action: 6/9/2021

Reason for Action: **Regular Maintenance** **Discovery of Problem**

If Problem,

- **Description of Action Required:** Side slopes and contributing drainage area to stormwater pond eroding. To stabilize the soils, the slopes were seeded with a quick-growing vegetation.
- **Date Industrial Equipment Returned to Full Function:** TBD
- **Justification for Extended Schedule, if applicable:** Slopes have been seeded, waiting for vegetation to establish.

Notes: Photos to be added when vegetative cover establishes.

Control Measure: AP-10 Pond

Regular Maintenance Activities: Remove accumulated sediment, remove trash/debris

Regular Maintenance Schedule: As needed, based on quarterly facility inspection results

Date of Maintenance Action: 6/9/2021

Reason for Action: **Regular Maintenance** **Discovery of Problem**

If Problem,

- **Description of Action Required:** Side slopes and contributing drainage area to stormwater pond eroding. To stabilize the soils, the slopes were seeded with a quick-growing vegetation.
- **Date Industrial Equipment Returned to Full Function:** TBD
- **Justification for Extended Schedule, if applicable:** Slopes have been seeded, waiting for vegetation to establish.

Notes: Photos to be added when vegetative cover establishes.

Control Measure: AP-11 Pond Drainage

Regular Maintenance Activities: Remove accumulated sediment, remove trash/debris, and trim vegetation

Regular Maintenance Schedule: As needed, based on quarterly facility inspection results

Date of Maintenance Action: 4/12/2021

Reason for Action: **Regular Maintenance** **Discovery of Problem**

If Problem,

- **Description of Action Required:** Cleaned out drainage pipe, added rip-rap to the inlet.
- **Date Industrial Equipment Returned to Full Function:** 4/14/2021
- **Justification for Extended Schedule, if applicable:** N/A

Notes: See photos of stabilized channel inlet and jet cleaning by the vacuum truck:



Industrial Equipment and Systems Maintenance Records

Date of Maintenance Action: 4/12/2021

Reason for Action: Regular Maintenance Discovery of Problem
If Problem,

- **Description of Action Required:** Added asphalt to unpaved parking area near Silverhawk fuel station to prevent/reduce track-out (in contributing drainage area of AP-07)
- **Date Industrial Equipment Returned to Full Function:** 4/14/2021
- **Justification for Extended Schedule, if applicable:** N/A

Notes: See photo of parking area:



Date of Maintenance Action: 4/12/2021

Reason for Action: Regular Maintenance Discovery of Problem
If Problem,

- **Description of Action Required:** Removed old pile of post holes that had begun to be used as a concrete washout area.
- **Date Industrial Equipment Returned to Full Function:** 4/14/2021
- **Justification for Extended Schedule, if applicable:** N/A