

NEW BEDFORD REGIONAL AIRPORT
RUNWAY 5-23 – PHASE 4

Reconstruct, Mark and Grove

Weekly Environmental Report

WEEK 5

2014 May 27-30

May 27, 2014

Observer: Randall Shuey

Time: 7:00 AM – 5:00 PM

Today's weather: Mostly Sunny, High mid-70s, Light winds

Observed Conditions

1. Clean gravel was delivered and stockpiled throughout the day at the end of runway 5.
2. Underdrains being installed at north side of Runway 5.
3. Silt fence inspected.
4. Excavating and transporting off site of excess material from 23 end of runway.
5. Small gap in silt fence on north side of runway 23 repaired.
6. Placement of drainage structure northwest of intersection of Taxiway B and Runway 5.
7. Turtle barriers and movable turtle barriers inspected - intact and secure.
8. Inspected shrubs along West Ditch – 2/55 confirmed dead

Compliance Issues

1. None.

May 28, 2014

Observer: Randall Shuey

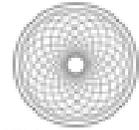
Time: 7:00 AM – 5:00 PM

Today's weather: Mostly Cloudy, occasional mist to light rain, total precipitation 0.02 inches, moderate winds to 15 mph

Observed Conditions

1. Clean gravel was delivered and stockpiled throughout the day at the end of runway 5.
2. Underdrains being installed at north side of Runway 5.
3. Excavating and transporting off site of excess material from 23 end of runway.

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4. Installation of drainage pipe northwest of intersection of Taxiway B and Runway 5.
5. Dewatering from drain pipe installation discharged to constructed swales along access road, No discharge to wetlands. All water infiltrated.
6. Walked site with Scot Smyers of Oxbow Associated and marked out location for approximately 30 one-way turtle gates to be placed along perimeter of construction.

Compliance Issues

1. None.

May 29, 2014

Observer: Joe Rogers

Time: 7:00 AM – 5:00 PM

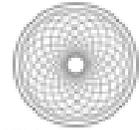
Today's weather: Mostly Sunny, 60°, 5 mph winds

Observed Conditions

1. ET&L laid out the plan for silt fence and compost fiber logs along the ILS road including the six gravel finger piers with MALS approach lighting.
2. RAMCO installed silt fence around the gravel piers.
3. Drain pipes were installed under Runway 5 near Taxiway D.
4. Additional drainage installations across runway 5 were also ongoing.
5. RAMCO excavated a shallow swale along the ILS road for placement of the compost fiber logs.
6. Approximately 200' of compost fiber logs were installed along the south side of the ILS road according to specifications.
7. The weekly meeting was attended.
8. A tour of recent work was given to the conservation agent.
9. The project area was toured with Amanda from Epsilon.
10. ASG engineer (Frank) was consulted about the addition of silt fence at bend in the ILS road near the west ditch on the Runway 5 end and the addition of secondary fencing where silt fence was installed at the toe of the slope, both were approved.
11. ASG engineer (Frank) consulted the WS and EM on upcoming drain tie-ins to the existing wetland drainage swales.

Compliance Issues

1. None



May 30, 2014

Observer: Joe Rogers

Time: 7:00 AM – 5:00 PM

Today's weather: Mostly Sunny, 65°, 5 mph winds, late afternoon clouds

Observed Conditions

1. MALS SR gravel pier extensions into wetland areas associated with the project's wetland fill areas were surveyed by ET&L for silt fence layout. Monitoring of this activity took place at the three piers where fill was required.
2. A pit was dug and safety equipment installed for the installation of a drainage junction cistern. The pit quickly filled with water and a sump was used to pump water into a grassy area outside of buffer zone limits. The cistern junction box was installed in the de-watered pit.
3. Loam was stripped up to the temporary silt fence along the Taxiway 'A' extension on the Runway 23 side.
4. Recycled sub-base was graded along the length of Runway 23, including the runway extension.
5. Deliveries of fine gravel were made throughout the day and stockpiled at the end of Runway 5.
6. Per an earlier suggestion by the WS, an approximately 75' curving section of silt fence was added to the corner of the gravel haul road near the West Ditch and the bridge to the ILS Road. This fence was installed as a precautionary measure to reduce pressure on the West Ditch fence during heavy rainfall.
7. Installation of compost filter tubes continued along the ILS road and should be completed on Monday 6/02/14.

Compliance Issues

1. The WS suggestion to add additional secondary silt fence at the corner of the haul road near the West Ditch and the ILS Road Bridge as a precautionary measure was accepted and installed – COMPLETED.

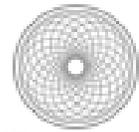


Photo 1 – Inspection of silt fence along north side of 23 end runway.



Photo 3: View of excavation for drainage structure installation. Note groundwater in hole.



Photo 2: Installation of underdrains on north side of 5 End of Runway



Photo 4: Dewatering of excavation into constructed swales. Water infiltrates in swale and there is no discharge.

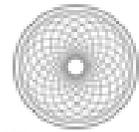


Photo 5: ET&L surveyed silt fence and compost log layout on the ILS Road. Work within wetlands in three authorized locations was monitored.



Photo 7: Installation of compost fiber logs started according to plan specifications.



Photo 6: RAMCO created shallow swales to set the compost fiber logs in place along the ILS Road.



Photo 8: A 75' section of silt fence was installed as a precautionary measure at the end of Runway 'A' in the corner of the haul road near the West Ditch and the ILS Road.