

JM Fiske Environmental

NEW BEDFORD REGIONAL AIRPORT  
RUNWAY 5-23 – PHASE 4

Reconstruct, Mark, and Groove

Partial Weekly Environmental Report

WEEK 21

September 13 to September 19, 2014

**9/13/2014 (Sat.)**

Observer – **None**

Time: **Moulison Electrician on site working on runway lighting**

Weather:

**9/15/2014 (Mon.)**

Observer – **Randall Shuey**

Time: 6:30 AM – P M

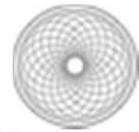
Weather: **70 Partly Cloudy light winds. 0.16 inches of rain on September 14.**

Over the weekend we received a report of a wetland encroachment. Upon investigation on Monday AM we identified several electrical structures and associated materials placed along the wetland boundary by RW23 – Taxiway A, just past the southwest end of the silt fence. Several of the concrete structures were just over the line and a spool of electrical wire was approximately 4 feet into the wetland.

The wetland at this time is dry and consists of low herbaceous vegetation. There was no evidence of water quality issues related to this encroachment.

The electrical contractor was immediately notified and had the materials removed. Equipment did not need to enter the wetland to retrieve the material. A visual inspection of the area shows no indication of soil disturbance or rutting resulting from the placement.

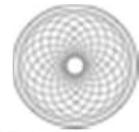
All materials were removed. No remedial action is required in this area. The wetland stakes were inspected and are in place.



An inspection of Taxiway A on the RW23 end identified concrete structures and 2 spools of electric wiring that were stored in or immediately adjacent to the wetland along the edge of the Taxiway. This was placed here during the runway shutdown by the FAA that required all structures to be more than 250 feet off the centerline of the runway.



The electrical contractor was notified and the structures were immediately moved. The area was inspected and there are no signs of soil disturbance or rutting in this area as a result of the activity.



ILS Road and MALSAR inspections on the RW5 end were done. Several area of hay bales and silt fence along the ILS road need reset



The MALSAR areas were functioning but will also need to be reset in several sections.

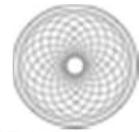


The structures on the last MALSAR on the RW23 were set.



Moulison Electrical worked on trenching along the RW 5 end. Structures were set along the RW23 end.





<p>Structures set at end of RW23 MLSAR.</p>	
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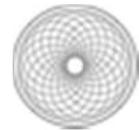
**9/16/2014 (Tues.)**

Time – 7:00 AM – 3:30 PM

Weather: 71 degrees; Wind speed of 5-15, Overcast

Observer – **Randall Shuey**

<p>The electrician continues to set structures on the RW23 end.</p>	
<p>ETL spread topsoil in the upland areas around the wetland replication area.</p>	
<p>The electrician installed conduit along the RW5 end ILS road.</p>	



<p>ETL continues to do regular dust control and sweeping.</p>	
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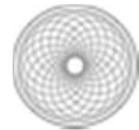
**9/17/2014 (Wed.)**

Observer – **Earle Chase**

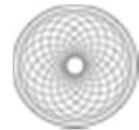
**Time: 6:30 AM – 4:30 PM**

**Weather: Clear, sunny; High Temp. of 72 degrees; Wind Speed of 1-15 mph; No Precip. (0.00)**

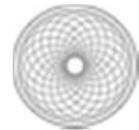
<p>ILS Road (off the Plainville Road); Preparation for more conduit</p>	
<p>RW 23; Runway being grooved, to be completed on Friday.</p>	



<p>RW 23; Northern end; More ditching in preparation for more conduit</p>	
<p>RW 5; ILS Road; The most southern end; A herb layer is becoming established on edge of road.</p>	
<p>RW 5; ILS Road; Southern end; Along the edge of road previously mulched and seeded, grass has begun to grow. Rain would benefit the seeded area.</p>	
<p>Mitigation area; Outside perimeter of mitigation area with a new 12 inch layer of loam.</p>	



<p>Mitigation Area; First trailer load (approximately 50 yards) of wetlands soils arrive at 1 pm. Upland perimeter with installation of loam.</p>	
<p>ILS Road; off Plainville Road; MALSR End; green grass showing through previously installed blankets – no erosion was noted on any of the adjacent slopes</p>	
<p>Mitigation Area: Load of wetlands soils deposited at center of the mitigation area.</p>	
<p>RW 5; ILS Road; End of road; Silt Socks (500 linear feet) were delivered by Ramco. Installation of the silt socks is planned in the wetland cut area on Thursday.</p>	



<p>Mitigation Area; Wetland soils begin to be layered on the pit and mound topography.</p>	
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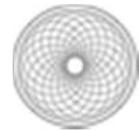
**9/18/2014 (Thurs.)**

Observer – **Earle Chase**

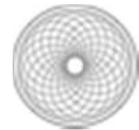
Time: **6:30 AM – 4:30 PM**

**Weather: Sunny in the morning, becoming partly cloudy, breezy; High Temp. of 75 degrees; Wind speed of 2 to 10 mph; No Precip: (0.00).**

<p>RW 5; ILS Road; A 30 to 35 foot section of silt fence/hay bales was repaired late Wednesday afternoon by ETL</p> <p>The weekly 10:00 Field Office Meeting was held. Responsible for providing the Safety component</p>	
<p>ILS Road (off the Plainville Road); More conduit being installed by Moulison.</p>	



<p>Mitigation Area; More wetland soil being installed within the Mitigation Area. Elevations and the depth of the layer of soil is being constantly checked by the excavator operator as it is being spread.</p>	
<p>RW 23; Northern end; Yesterday's conduit installed, lights placed, and open ditch line filled in.</p>	
<p>RW 23; Northern perimeter of silt fence; A resident deer noted feeding on the clover herb layer.</p>	
<p>RW 5 Side; All potential discharge points checked:</p> <ul style="list-style-type: none"><li>* Most northern headwall/outlet (along main access road) – the contained discharge was very clear</li><li>* More southern headwall/outlet (along main access road) – 2nd photo below - no discharge</li><li>* Headwall/outlet from CB11 – 3<sup>rd</sup> photo - some cloudiness but contained; This discharge point will be dewatered and the stone cleaned next week.</li></ul>	



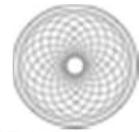
<p>See above:</p>	
<p>See above:</p>	
<p>Mitigation Area; late afternoon; more wetland soil installed. At least three truck loads are scheduled to arrive on Friday.</p> <p>2 pm Meeting with the New Bedford Conservation Administrator and Amanda. Viewed the RW 23 side, the Mitigation Area, and the ILS Road on the RW 5 side. During the review, it was noted that sections of silt fence needed repair – will coordinate repair with ETL</p>	

**9/19/2014 (Fri.)**

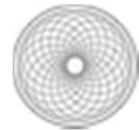
Observer – **Earle Chase**

**Time: 6:30 AM – 4:30 PM**

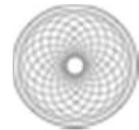
**Weather: Sunny & cool; High Temp of 60 degrees; Wind speed of 8 to 17 mph; No Precip. (0.00)**



<p>ILS Road; off the Plainville Road; End of road; Some large boulders were removed from the edge of this road leaving a section without silt fence.</p>	
<p>ILS Road (see above): ETL installs the missing section of silt fence.</p>	
<p>Mitigation Area: A section of silt fence on the perimeter was noted sagging.</p>	
<p>Mitigation Area; Outside perimeter of silt fence (see above) was repaired as requested.</p>	



<p>ILS Road; Off the Plainville Road; Section of Road into the Mitigation Area; Due to the difficulty of backing into this area to deliver the wetland soils with a trailer truck, this section of hay bales was accidentally compromised. Trucking is scheduled to be completed on Monday and the repair will be made then</p>		
<p>ILS Road; Off the Plainville Road; Due to the narrow width of the construction work zone here, (new excavation is occurring immediately adjacent the road on the south), a stretch of hay bales along the silt fence was compromised.</p>		
<p>RW 23; The entire perimeter of the silt fence on the RW 23 side was swept for box turtles on Friday morning.</p>		
<p>RW 23; (As above) the entire perimeter of the silt fence on the RW 23 side was swept for box turtles - This photo shows the north perimeter of silt fence – no turtles were observed.</p>		



<p>RW 5; Earlier ETL Equipment Storage Area; The tailings from the grinding at the runway were dried and hauled off site.</p>		
<p>Mitigation Area: More pits being excavated.</p>		
<p>Mitigation Area: Application of wetland soils proceeding – some delays noted in getting the trucking material from Braintree.</p>		