

JM Fiske Environmental

NEW BEDFORD REGIONAL AIRPORT
RUNWAY 5-23 – PHASE 4

Reconstruct, Mark and Groove

Partial Weekly Environmental Report

WEEK 19

August 30 to September 5, 2014

8/30/2014 (Sat.)

Time: **NO WORK**

Weather:

Observer – **None**

9/01/2014 (Mon.)

Time: **LABOR DAY HOLIDAY/NO WORK**

Weather:

Observer – **None**

9/02/2014 (Tues.)

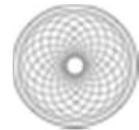
Time – **6:30 AM – 4:30 PM**

Weather: Very Hot and humid; Sunny; High Temp. of 88 degrees; Wind speed of 5 to 17 mph;
No precipitation (0.00)

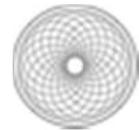
Observer – **Earle Chase**

RW23 End; Headwall at foot of Access Road;
Inlet Side: Final loaming.

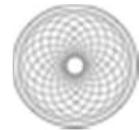




<p>Area between RW23 and the Taxiway: Final loaming.</p>	
<p>RW5 End: ETL Parking/Equipment Storage Area: Southern end was loamed.</p>	
<p>RW23 End; Headwall at foot of Access Road; Outlet Side; Discharge swale looking south: Area is all loamed</p>	
<p>RW5 End: The discharge area from CB11 remains turbid. Once the area adjacent CB11 is fully stabilized, this discharge area will need to be dewatered and cleaned. The limited flowage that is reaching the adjacent wetland through the silt fence//hay bale and stone combined bmp is clear.</p> <p>At all other discharge points, flowage is either clear or storm drains have been temporarily sealed.</p>	



<p>RW5 Side: The Drainage Swale adjacent the Access Road: Several sections at the bottom of the swale did not germinate. These sections should be hydro-seeded before the on-site hydro-seeding is finalized.</p>	
<p>Mitigation Area: Excavation progress by ETL (3:30 pm Tuesday)</p>	
<p>Mitigation Area: The elevation at the surface of the adjacent wetland was measured at 89.0 feet.</p>	



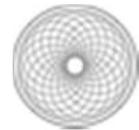
9/03/2014 (Wed.)

Observer – **Earle Chase**

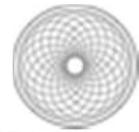
Time: 6:30 AM – 4:30 PM

Weather: Sunny, Clear; High Temp. of 83 degrees; Wind Speed of 4-10 mph; No Precipitation (0.00).

<p>Adjacent the ILS Road; MALSR pad; Depth of gravel was increased.</p> <p>A BMP repair was completed including replacing a section of silt fence, properly toeing-in, and replacing a row of hay bales. .</p>	
<p>Adjacent the ILS Road; Footings being positioned at each MALSR pad. .</p>	
<p>RW23; Southside of RW; Looking northeast: Hydro-seeding being completed.</p> <p>A new trench for some additional electrical work at forefront of photo.</p> <p>Hydro-seeding occurred this past Saturday as well (two trucks).</p>	



<p>Mitigation Area: Excavation continues. Progress is slow due to the number of boulders being unearthed. The rough grade is being temporarily established at 88 feet. The pit and mound topography will be formed from this elevation.</p>	
<p>Mitigation Area: Some stones have been left within the excavation to help accentuate future habitat value.</p>	
<p>Mitigation Area: Mottling was evident at the 88 foot elevation</p>	
<p>RW5: Seed predation by the resident turkey population.</p>	



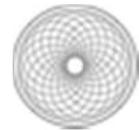
9/04/2014 (Thurs.)

Time – 6:30 AM – 4:00 PM

Weather: Sunny; High Temp. 87 degrees;

Observer – **Randall Shuey**

<p>During early morning turtle sweep a torn section of silt fence along access road was identified. It was immediately repaired.</p>	
<p>Photo of the repaired fence</p>	
<p>Some equipment was left over night. ELT and sub-contractors were reminded that no equipment was to be left overnight within 100 feet of wetlands.</p>	
<p>Excess material continues to be hauled away from the wetland replication area.</p>	



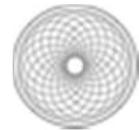
Elevations were re-checked. A series of pit and mound was excavated to subgrade. The result was reviewed with the EM. Elevations were agreed to be good. The spacing of 20 feet on center between mounds was determined to be too close with a 2 foot height difference. The next set was put 30 feet on center. This was determined to be a maximum distance between mounds. The final grading was to vary the distance from 20-30 feet on center and vary the sizes of pits and mounds.



At the end of the day 4 pits were excavated and boulders were placed based on the locations of the pits and mounds and the edge of the wetland replication area.

ILS Road inspected at end of day. No equipment stored. Moulison placing light bases in preparation of installation tomorrow.





9/05/2014 (Fri.)

Observer – **Randall Shuey**

Time – **7:00 AM – 5 PM**

Weather: Mostly Sunny to cloudy; Wind speed of 0 to 15 mph; Temp – 80 F



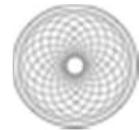
A deep test pit was dug below the preliminary excavation. Redoximorphic features were strong throughout the profile. Free water was encountered at 2 feet below the excavation and saturation was approximately 18” below.

In discussions with the EM on site it was decided to make one or two of the pits to be slightly larger in size to help promote the establishment of coastal swamp amphipods. Preparation is being made to collect material from known sources to seed the area.

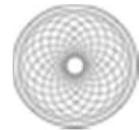


Selected large boulders were placed within the wetland replication area per plan and specification.





<p>A more linear depression was dug adjacent to a small cattail area to ensure good surface hydrologic connection.</p>	
<p>Electrical work on the ILS road was inspected. Several light bases were installed today. The work required NO dewatering for installation.</p>	
<p>BMPs along ILS road were inspected during the weekly tour of the site with Sarah Porter. Most of the BMPs were in good condition except as noted below.</p>	
<p>Two sections of silt fence and hay bales have been knocked over. These are located near the West Ditch culvert. There is no water quality issues associated with this. ETL has been notified and will repair on Monday.</p>	



M.O.N. Landscaping was on site today and has completed most of the hydro-seeding on the RW23 side.



Stabilization of the cross culvert under the ILS road on the RW23 end was completed.

