



Central Newfoundland Waste Management
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TECHNICAL COMMITTEE MEETING Regional Site, Norris Arm 9:00 a.m.
August 22, 2013

Attendance:

Jeff Saunders, Chair	Town of Grand Falls-Windsor
Allan Scott	Ex-Officio – Chair CRSB
Ed Evans	Manager, CNWM
Karen White-Attwood	Executive Assistant/Finance, CNWM
Mark Attwood	Operations Supervisor – CNWM
Glenn Arnold	CNWM Board Director
Tammy McDonald	Environment & Conservation – Conference call
Wayne Manuel	Bae NewPlan – Conference call
Frank Huxter	Municipal Affairs

Apologies

James Blackwood	Town of Gander
Marjorie Gaulton	Norris Arm North
Joe Dunphy	Municipal Affairs
Robert Locke	Service NL

1. Review of previous Minutes – July 18, 2013 - No errors or omissions
2. Update– Progress Report from Bae NewPlan

Regional Site

RS05 Landscaping

- Concept Plan for entrance to be prepared
- On hold pending funding requirements
- Green Team carried out basic landscaping at the Regional site – greening up the area

RS10 Site Buildings (Bluebird Investments)

Administration building, Scale House, Maintenance Garage

- Final Inspection Completed
- Deficiencies still remaining – Subcontractors will work with CRSB
- Holdback \$29,000
- Mechanical deficiencies have been completed. (advised by subcontractor) follow up inspection required
- Manager in contact with Troys fire safety to begin process to activate fire and alarm systems

RS11 Leachate Treatment

CP1 Wetland (Marine Contractors)

- Holdback \$169,483.50
- Results of testing indicated copper & iron over the limits
- Results have been sent back to contractor for explanation, further testing required

CP3 Building (H&B Construction)

- Commissioning report to be forwarded

Dillian Consulting draft report is in and reviewed by Technical Committee – observations and recommendations as follows:

It appears the lagoon system is overtaxed with organic content in the leachate generated in the landfill. Acceptance of single source organic loads, such as those from the aquaculture industry should stop until the operations at the leachate plant can be verified. To verify the performance of the plant the following actions should take place:

1. Acceptance of industrials organic waste was to stop.
2. The flow meter set-up must be confirmed and the instrument calibrated.
3. An ongoing monitoring program should be initiated at the leachate facility to establish a working baseline of plant operation. The testing program should consist of bi-weekly testing for the following parameters in the plant effluent:

- a. BOD
- b. TSS
- c. TKN
- d. Total Phosphorus
- e. Nitrogen (Ammonia Nitrogen)
- f. Orthophosphate

Sampling of the influent to the leachate lagoons should be completed on a monthly basis for the same parameters

4. The sludge recirculation system must be put back into operation.
5. Flow must be restricted to that anticipated in the design brief for the leachate plant. The peak hour leachate flow for the mature land fill was estimated at 119 m³/d (5m³/hr). This can be accomplished by installing a flow restrictor in the leachate pipe from the landfill and using the landfill as reservoir during wet weather.
6. A schedule should be initiated to have the flow chamber and chemical addition manholes flushed on a regular basis (2-3 times annually).

With the present operating conditions at the site, it is not recommended additional organic loads be disposed at the landfill or be directed to the leachate system. Once a

baseline of plant operations is established, the disposal of limited industrial organic wastes may be evaluated to determine their effect on plant performance.

Sedimentation ponds need to be tested – requested by DOE

RS12 Compost

- Meeting held Feb 11, 2010 to discuss DMA comments on pre-design report
- Formal response to DMA comments made
- Decision made to defer work on compost until decision made on Western waste and results of Provincial RFP

RS13 MRF

Sorting System

- Proposed Contracts
 - CP1 Sorting Equipment (Machinex)
 - Contract Documents signed by Machinex
 - Contracts to be sent to CRSB for signing

- CP2 Pre-engineered Building
 - Contract awarded (Can Am Platforms)
 - Shop drawings being sent in for review and approval

- CP3 Site Grading (Penney Paving)
 - Work 95% complete
 - Rock encountered. We were not able to negotiate a acceptable unit price with Penney thus and we will be adding the rock removal to a future contract

- CP4 Building Mechanical and Electrical
 - Scheduled to be submitted to DMA for approval by end of August
 - Drawings of MRF reviewed with technical committee

- CP5 Site Servicing
 - Scheduled to be submitted to DMA for approval end of November for construction in 2014

- CP6 Site Paving
 - Scheduled to be submitted to DMA for approval November 2013 for work in June 2014

- CP7 Equipment
 - Scheduled to be submitted to DMA for approval September 2013 for delivery in June 2014

Projected Future Costs

– Funding available 20,445,084

- Less preliminary revised MRF costs 19,632,000
- Funding available after MRF 813,084
- Cost priority one items 1,533,443
 - Approx \$350 k of priority one items committed
- Cost priority two items 1,042,500
- Chair will contact Minister of Municipal Affairs for update on funding required for Priority Items 1 and 2 and other funding requests

Shunt Truck or Tractor

- Specification has been revised and is being sent to Government Purchasing for tender

RS13 – MRF – Operations

- Work progressing on preparing RFQ

RS17 HHW - Items for Startup

- Certificate of Approval To Operate HHW from DOE
- Operations plan submitted to DOE
- Certificate of Approval to Collect and Transport HHW for DOE
- Operations and Emergency response plan submitted to DOE
- Report on disposal of fluorescent bulbs complete

FIRE PROTECTION

- Counter offer gone back to the Town of Lewisporte – no response to date

RS22 Fuel Storage (B&M Manufacturing)

- Looking at installing a refueling pad

Local Waste Management Facilities

TS02 Site Buildings (Bluebird Investments)

- Statement of claim made by Bluebird for 375k, Agreement signed between BNG and CRSB. Lawyers are negotiating settlement

TS06 Paving

NWI (Nortech Construction)

- Proceed with regular scope of work

Terra Nova

- Surface course completed

Indian Bay /Fogo

- Indian Bay surface course completed
- Fogo work in progress

Regional site Certificates of Approval from Environment

- COA for Regional Site received
 - Should have meeting with DOE to review COA
- COA for C&D landfill
 - Operation Plan being prepared
- Public Education Plan
- Environmental Monitoring Plan
 - Monitoring wells installed
 - Soon need to proceed with monitoring and testing
 - CRSB and BNG will review BNGs proposal and do a more detailed breakdown on what is required by Environment
- Certificate of Completion required to be submitted
- Preliminary Facility Decommissioning Plan (within 1 year of COA)

C&D Transfer Vehicle

- Transfer unit supplied by Nexgen for Eastern waste

LWMF COA Plans required to be submitted to DOE

- Confirmatory list of specifications
- Operations and Maintenance plan
- Draft plan submitted to DOE
- QA/QC protocols
- Facility operations plan
- Draft plan submitted to DOE
- Education plan (the Education Plan for the Regional Site should cover this requirement)
- Facility Specific Environmental Monitoring Plan
- Draft plan ready to submit this week
- Program to manage and control vectors, rodents, birds and wildlife
- Annual Monitoring of Operations Report (January 31 each year)
- Certificate of Completion required to be submitted
- Preliminary Facility Decommissioning Plan (within 1 year of COA)

EQ05 Heavy Equipment (Nortrax)

- Request to be made to DMA to purchase additional BHKO for Regional Site (on hold)

EQ 17 Data Management System (Strong Engineering)

- Route Hawk installed on four collection truck

EQ24 – Collection Trucks

- Saunders Equipment have identified the problem with the onboard scales and are working to come up with a solution to fix the problem

- Manager to contact Airways directly c.c. to Saunders Equipment

EQ25 – Bailer

- DMA holding approval pending final costs on MRF

Western Waste – Processing at Central Facility

-Central and Western Chairs sent a letter to the Minister of Municipal Affairs asking for the Province to fund the cost of refining the number for Western to bring its waste to Central.

- Sewage Sludge Treatment Study
Soiltec to prepare draft contract. Recommend keeping Septage treatment contract separate from any other disposal agreements
- Doing research on disposal of drilling mud

4. Progress Report from Meridian Engineering – Close out update

Package A - Certificate of Substantial Performance sign off on June 4, 2013
- COMPLETE

Package B - Further work on the Carmanville site, environmental issues reviewed by Pichin Leblanc Environmental

- Change Order #1 required extra cover on the Main Point Landfill site. Cost \$21,697.13 (done)
- Change Order #2 Eliminate 40% of work to complete remediation of work on Carmanville Site -18,080.00

Package C - Glenwood – Norris Arm Complete

- C.O. #1 Credit \$600.00, deletion of ditching for ATV trails (access) at Glenwood, Campbellton & Little Burnt Bay.
- C.O. #2 additional cover for the Lewisporte landfill site \$25,990.00. HST in.
- C.O. #3 additional coverage for Comfort Cove landfill site \$58,760.00. HST in. (done)
- C.O. #4 Moving and spreading asphalt waste at the Glenwood, \$21,470.00
- C.O. #5 Additional coverage for Norris Arm site \$10,450.24
- C.O. #6 \$32,000.00

Certificate of Substantial Performance signed off August 14, 2013

Package D- Waiting on the Award Letter to R & K Construction Ltd. \$321,423.98.

- Pre-construction start date, August 4/13—completion October 11/13

Package E - Peterview – Leading Ticks to Cottrells Cove, tender bids are under review. (July 9, 2013). Awarded to GMK Equipment Rentals Ltd in the amount of \$327,263.26

Package F – Badger, Millertown - gone to tender.

Package G- St. Brendans

- Going through the design process
- Working on collection proposal for St. Brendans

Package H- Gander – Grand Falls Windsor

- Going through the design process

5. Other Business

6. Next Meeting –September 19, 2013

7. Adjournment