



Central Newfoundland Waste Management

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TECHNICAL COMMITTEE MEETING Regional Site, Norris Arm 9:00 a.m. September 19, 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
Joe Dunphy	Municipal Affairs
James Blackwood	Town of Gander
Robert Locke	Service NL

Apologies

Marjorie Gaulton	Norris Arm North
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1. Review of previous Minutes – August 22, 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

RS10 Site Buildings (Bluebird Investments)

Administration building, Scale House, Maintenance Garage

- Deficiencies still remaining
- Holdback \$29,000
Mechanical deficiencies have been completed. (advised by subcontractor) follow up inspection required
- Settlement with Bluebird on TS02 may involve keeping \$29,000 and CRSB finishing deficiencies

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)

- Deficiencies noted in recent inspection to be corrected

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 industrial 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

- Test Results received from inside cell and ditch. Test results do not indicate that there is a leak from the cell.
- Drawing prepared to add valve to landfill discharge. Request to contractors for quotes sent out.
- DOE request to review the new valve for the lined landfill and are requesting that BNG review the lined landfill geo-membrane and impact from new valve installation.

RS12 Compost

- 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
- CP2 Pre-engineered Building (Can AM Platforms)
 - Shop drawings being sent in for review and approval
 - Excavation for footing started
- CP3 Site Grading (Penney Paving)
 - Work 95% complete
 - Change Orders
- Recommend to the Board to pay Change Order # 1 – Excavating Boulders in the amount of \$ 29,045.52.
- Recommend to the Board to pay Change Order #2 – Excavating test Pits in the amount of \$359.01.
- CP4 Building Mechanical and Electrical
 - Scheduled to be submitted to DMA for approval by end of September
 - Drawings of MRF reviewed with technical committee
- CP5 Site Servicing
 - Scheduled to be submitted to DMA Jan 07, 2014
- CP6 Site Paving
 - Scheduled to be submitted to DMA Feb 28, 2014
- CP7 Equipment

- Scheduled to be submitted to DMA Dec 10, 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

- Sent to Government Purchasing for tender

RS13 – MRF – Operations

- Recommend to the Board to move from RFQ to RFP

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 sent to CRSB

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)

- Surface course completed on site
- Route 340 not resurfaced. Contractor has left the area and will not be back

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

- Airways contacted CRSB directly and are working on fixing the problem with the on board scales

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
- BNG 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

Birchy Bay – Twillingate Awarded to R& K Construction Ltd. \$321,423.98, start date August 4/13 completion October 11/13. Preconstruction meeting held.

- **Package E** Peterview – Leading Tickles to Cottrells Cove, Awarded to GMK Equipment Rentals Ltd. For \$327,263.26. Close out ongoing.

Package F – Awarded to P & B out of Springdale in the amount of \$232,542.70, awaiting bonding and insurance information.

Package G Gander – Grand Falls Windsor - Awaiting approval from DMA to go to tender.

Package H St. Brendan's
Tender closed September 17, 2013 and is under review by Meridian Engineering.

All should be closed out by year end.

5. Other Business
 - Fluorescent Bulb Eater – Lowest price from Dextrite
 - Paint Products – Product Care have agreed to place their containers at the Regional site and are interested in working with CRSB in other areas to reduce cost of disposing of paint.
 - MRF Tour – Robin Hood Bay - looking at scheduling another tour before the end of the year.
6. Next Meeting –September 19, 2013
7. Adjournment