

**TOWN OF BROOKLYN
RESOURCE RECOVERY COMMISSION**

Wednesday, June 10, 2015

7:00 p.m.

Brooklyn Town Hall

4 Wolf Den Road

MINUTES

1. Roll Call - Mike Barry, Bob Lee and Don Francis. Mike Barry called the meeting to order at 7:00 pm

Absent - Bob Benson

Other present - Sandra Brodeur liaison of the Board of Finance.

2. Approval of Regular Meeting Minutes May 13, 2015. Mike Barry made a motion to accept the Regular Meeting Minutes of May 13, 2015 as presented. Don Francis second the motion. Motion carried.
3. New Business: Mike Barry presented a notice that the Town of Killingly posted in the Turnpike Buyer regarding a rate increase to their facility. Discussion was heard regarding this issue as it pertains to the Transfer Station. Mr. Barry feels if there is an increase then there will be a decline in the use of the Transfer Station. Sandra Brodeur feels that there is going to be a reduction in income due to next year's budget without an increase.

Mike Barry made a motion to send a message to the Town Selectman suggesting that the rates at the transfer station stay the same as last year.

Discussion was heard regarding mattress collection and the fee the State charges the consumer when a mattress is purchased for disposal. The town has not been reimbursed this fee when mattresses are collected at the transfer station. Don Francis will call the local State Representative to discuss this issue further and get back to the Commission regarding this issue.

Don Francis second the motion. Motion carried unanimously.

- a. Discussion of Annual Budget 2015-2016. The Commission reviewed the budget and did not have any comments.
- b. Review of Groundwater Monitoring Results at the Transfer Station. Don Francis presented a summary of the Fall 2014, Semiannual Report Groundwater Monitoring Results of the Brooklyn Municipal Landfill by Lakeshore Environmental. Mike Barry

commented that there should not be any late billing regarding this issue in the future. Mr. Francis will have a discussion with this company and get back to the Commission.

- c. Discussion of Bag Inventory. Bob Lee and Mike Barry will do a bag inventory/audit at the highway department. Mr. Barry will also continue to do spot audits as well. Mr. Barry and Mr. Lee will further discuss the "slip" system further and get back to the Commission with their thoughts.
- d. Discussion of Scale Repair. Mike Barry presented the Commission with the Emery Winslow Service Technician Report and invoice. An estimate of about five to six years of use is left regarding the scale. It was also suggested that no large corrections should be made to the scale at this time. Discussion was heard regarding this matter.

Don Francis made a motion to pay Emery Winslow Scale Company the amount of \$309.47 for the repair of the scale and report. Bob Lee seconds the motion. Motion carried.

- e. Release of Notice of Violation of Sec.14-1 of the Brooklyn Solid Waste Regulations regarding 9 Eino Drive/Mary Jane Burke. Mike Barry presented the release of notice to the Commission for their review.
- f. Other New Business. Sandra Brodeur asked Mr. Barry if he has had any discussions with First Selectman, Rick Ives, about the charging of recycle bins. Mr. Barry said he has not. Further discussion was heard regarding this issue and what fund/line item these funds are going into. Ms. Brodeur stated that currently the funds are going into the General Fund line item. She will have a discussion with Mr. Ives regarding this matter and suggest that a separate line item should be put in place and report back to the Commission.

Mr. Barry asked the Commission if they feel a meeting should be held in July. After discussion it was agreed the Resource Recovery will not have a meeting, July 8, 2015.

- 4. Public Commentary. None
- 5. Adjourn. Motion by Bob Lee to adjourn the meeting at 7:30 pm. Motion second by Mike Barry. Motion carried.

Respectfully Submitted,


Karen M. Desrosier, Interim Clerk

Resource Recovery Budget Evaluation
Fiscal Years 14-15

Account Number	Revenue or Expense Name	Budget F/Y 14-15	Actual July 2014	Actual Aug 2014	Actual Sep 2014	Actual Oct 2014	Actual Nov 2014	Actual Dec 2014	Actual Jan 2015	Actual Feb 2015	Actual Mar 2015	Actual Apr 2015	Actual May 2015	Total YTD	\$Over (Under) Budget	Fst Total Year	\$Over (Under) Budget
3-462	Transfer Station Fees																
	#1 Large Bags	36,000	1,593.20	1,821.00	1,983.00	1,256.00	1,142.00	1,825.00	956.00	1,382.00	1,676.00	1,203.00	1,462.00	16,299.20	(19,700.80)	17,781	(18,219)
	#2 Small Bags	4,300	251.00	181.00	287.00	245.00	147.00	182.00	202.00	149.00	278.00	196.00	273.00	2,391.00	(1,909.00)	2,608	(1,692)
	#4 Regular Bulky Waste	39,000	2,919.00	3,139.00	3,749.00	1,835.00	1,453.00	2,233.00	1,718.00	520.00	726.00	3,007.00	4,267.00	25,566.00	(13,434.00)	27,890	(11,110)
	#4 Sp. Bulky Waste	2,900	145.00	163.00	380.00	475.00	123.00	198.00	211.00	131.00	208.00	409.00	423.72	2,866.72	(33.28)	3,127	227
	Total Revenues	82,200	4,908.20	5,304.00	6,399.00	3,811.00	2,865.00	4,438.00	3,087.00	2,182.00	2,888.00	4,815.00	6,425.72	47,122.92	(35,077.08)	51,406	(30,794)
4-3206	Advertising & Legal Notices																
	Bag Expense	500												0.00	(500.00)	0	(500)
	Contractual Services (1)	6,000												4,802.00	(1,198.00)	4,802	(1,198)
	Curbside Carts	108,500		8,999.09	8,999.09	8,999.09	8,999.09	8,999.09	8,999.09	8,999.09	8,999.09	8,999.09	8,999.09	89,990.90	(18,509.10)	108,500	0
	Disposal Charges (2)	2,000												3,500.00	1,500.00	3,500	1,500
	Scrap Metal	50,200		5,183.36	3,807.81	4,066.90	5,022.60	3,505.70	4,540.39	4,537.08	3,042.14	3,024.89	5,345.62	42,076.49	(8,123.51)	50,200	0
	Electric 51993424015	500												500.00	0.00	500	0
	Permits (3)	700	70.00		145.00		75.00		75.00		163.40			804.40	104.40	900	200
	Printing & Publications (4)	800	800.00			250.00								1,090.00	290.00	1,090	290
	Recording Secretary	100			260.69									260.69	160.69	261	161
	Regular Payroll - Part Time	720		60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	600.00	(120.00)	720	0
	Rental (5)	21,788	1,596.00	1,857.72	1,784.00	2,264.00	1,784.00	2,230.00	1,784.00	1,644.00	1,612.00	2,230.00	2,295.00	21,080.72	(707.28)	22,865	1,077
	Repairs, Buildings, & Signs	900	75.00	75.00	75.00	150.00	75.00	75.00	75.00	75.00	75.00	150.00	75.00	900.00	0.00	900	0
	Telephone	5,000			32.90	786.00	1,386.43	60.70		66.20	33.10	75.00	32.79	2,308.13	(2,691.87)	2,308	(2,692)
	Water Analysis	500	65.52		32.90	32.90		64.86	2,560.00				32.10	361.37	(138.63)	396	(104)
		5,400				2,560.00						2,560.00		7,680.00	2,280.00	7,680	2,280
	Sub-Total Expenses	203,608	2,608.52	16,175.17	15,164.49	19,168.89	17,327.12	15,569.35	18,093.48	15,456.37	20,286.73	17,132.08	18,974.50	175,954.70	(27,653.30)	204,622	1,014
	Income/Loss all inclusive	(121,408)	2,301.68	(10,871.17)	(8,765.49)	(15,357.89)	(14,462.12)	(11,131.35)	(15,006.48)	(13,274.37)	(17,398.73)	(12,317.08)	(12,548.78)	(128,831.78)	(7,423.78)	153,216	31,808
	Income/Loss less recycling	(10,908)	2,301.68	(1,872.08)	233.60	(6,358.80)	(5,463.03)	(2,132.26)	(6,007.39)	(4,275.28)	(6,899.64)	(3,317.99)	(1,549.69)	(35,340.88)	(24,432.88)	(5,984)	31,808

Notes: See Schedule A for Revenue Detail.

(1) Total year is \$108500. 2014/15 actual reflects only 5 months. Always 1 month behind.

(2) Disposal fees are always 1 month behind. See Schedule B.

(3) Actual includes a new weighing & measuring permit of \$250. Unsure if annual.

(4) Actual fee is for one printing of slips.

(5) \$75 per month.

Only supposed to happen twice a year.

**FALL 2014, SEMIANNUAL REPORT
GROUNDWATER MONITORING RESULTS
BROOKLYN MUNICIPAL LANDFILL
RUKSTELLA ROAD
BROOKLYN, CONNECTICUT**

Fall, 2014

Prepared For:

Town of Brooklyn
First Selectman's Office
PO Box 356
Brooklyn, Connecticut 06234

Prepared By:



10 Nate Whipple Highway
Mich Building, 2nd Floor, Suite 3
Cumberland, RI 02864

LSE Project Number 06018A10



October 6, 2014

Mr. Rick Ives
First Selectman's Office
P.O. Box 356
Brooklyn, CT 06234

RE: Semiannual Monitoring Results – October 2014
Brooklyn Landfill

Dear Mr. Ives:

The enclosed report summarizes the groundwater and surface water monitoring results for samples collected at the Brooklyn Landfill on Rukstella Road on October 6, 2014. Water Quality samples were collected, processed and analyzed by Premier Laboratory of Dayville, Connecticut and analytical results were provided to Lake Shore Environmental, Inc. (LSE) for review. LSE has summarized its findings in the following report.

Water Quality monitoring was previously completed at the Brooklyn Landfill by Geotoxi Associates of Pomfret, Connecticut. The last monitoring event conducted by Geotoxi was completed in the fall of 2005.

The Brooklyn Landfill is an inactive solid waste disposal facility located near the southern boundary of the Danielson Quadrangle and is situated between Blackwell Brook and Cold Spring Brook. The location of the landfill is shown on Figure 1.

Based upon a review of previous monitoring reports for this Site, sampling and reporting obligations have been reduced from quarterly to semiannual monitoring. Final permit changes included the elimination of monitoring wells NWS and NEW as well as the midstream surface water sampling location. The parameter list was also modified. Refer to the March 22, 2004 Minor Permit Amendment for additional detail on file at the Connecticut Department of Energy and Environmental Protection (CTDEEP) or the Town of Brooklyn. The following are included as attachments to this report:

1. Semiannual Summary Data Table (Table 1)
2. Site Location Map (Figure 1)
3. Ground Contour Map (Figure 2)
4. Laboratory Certificates of Analysis
5. Chain of Custody Form

1. Analytical Results

Personnel from Premier Laboratory, LLC of Brooklyn, CT collected water samples from two of three groundwater monitoring wells (GW-2, GW-3, and GW-4) located adjacent to the landfill and from two surface water monitoring points located in upstream (S-1) and downstream (S-3) positions along Blackwell Brook. Groundwater monitoring well GW-3 was dry this monitoring period and therefore, water quality samples and water level gauging could not be completed this period. In accordance with the amended permit, water samples were not collected from new wells NWS or NEW nor from the midstream surface water monitoring location.

The selected laboratory analyses were chosen to identify/quantify groundwater quality parameters that are representative of typical landfill leachate. Measured parameters included:

- alkalinity,
- ammonia nitrogen,
- chemical oxygen demand (COD),
- chloride,
- nitrate-nitrogen,
- total dissolved solids (TDS),
- dissolved iron,
- dissolved manganese,
- volatile organic compounds (VOC's - EPA Method 8260B), and
- metals (arsenic, barium, cadmium, chromium, lead, selenium, silver, manganese, iron, and mercury).

Analytical results are summarized in Table 1 and the laboratory certificates of analysis, field data sheets and chain of custody are provided as attachments.

2. Surface Water Analytical Results

Analytical results of surface water samples collected this monitoring event were tabulated as shown on Table 1. Surface water samples S-1 and S-3 results were compared to the Connecticut DEP Water Quality Standards (2011 Revision) for Protection of Human Health, Consumption of Water and Fish for Class A Surface Water which is the proposed classification for the two surface water locations. Based on this comparison, the WQC were not exceeded for any surface water quality samples collected during the Fall 2014 monitoring event. There were no 8260B Volatile Organic Compounds (VOCs) detected this monitoring period.

3. Groundwater Monitoring Analytical Results

Levels of dissolved iron exceeded the corresponding EPA secondary Maximum Contaminant Level (SMCL) this event which is an increase in well GW-2 as compared to the previous monitoring event. Dissolved iron increased in well GW-4 this monitoring event as compared to the previous monitoring event. As noted above, monitor well GW-3 was dry this monitoring event so water quality samples could not be collected.

Levels of dissolved manganese exceeded the corresponding SMCL in GW-2 which represents an increase as compared to the previous monitoring event. Alkalinity increased in wells GW-2 and GW-4 as compared to the previous monitoring event. Ammonia levels increased in well GW-2 and decreased GW-4 as compared to the previous event. Chloride decreased in well GW-2 and increased GW-4. TDS levels decreased in well GW-2 and increased in GW-4. COD levels decreased in wells GW-2 and GW-4 as compared to the previous event. Nitrate levels increased in both well GW-2 and GW-4 this monitoring event. Concentrations of all parameters were within historical ranges.

Of the metal parameters analyzed including cadmium, chromium, selenium, silver, lead and mercury, no exceedances of EPA SMCLs were detected. Arsenic was detected in well GW-2 at a concentration of 0.0068 mg/L which did not exceed the regulatory drinking water standard of 0.010 mg/L. Barium was detected in well GW-2 but not at concentration exceeding the corresponding secondary MCLs.

As noted previously, well GW-3 was dry and could not be sampled.

No VOCs were detected this monitoring period in any of the groundwater monitoring wells and therefore, no VOCs exceeded the applicable GA Groundwater Protection Criteria listed in the Remediation Standard Regulations.

4. Groundwater Contour Map

The groundwater contour map for the Brooklyn Landfill (Figure 2) could not be completed this monitoring event because water levels were only recorded for two wells and three data points are required to construct the contour map. Figure 2 is attached to this report however, to identify monitoring well locations.

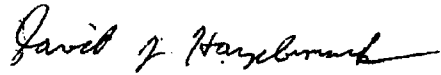
Summary

Of the various water quality parameters reported for this monitoring event, iron and manganese exceeded the corresponding SMCL. The SMCL for iron is 0.3 mg/L and according to laboratory results, 16.0 mg/L of iron was detected in well GW-2. The SMCL for manganese is 0.05 mg/L and according to laboratory results, dissolved manganese was detected in well GW-2 at a concentration of 1.3 mg/L.

If you have any questions regarding this report, please do not hesitate to contact our office.

Sincerely,

LAKE SHORE ENVIRONMENTAL, INC.

A handwritten signature in black ink, reading "David J. Hazebrouck". The signature is written in a cursive style with a long horizontal flourish at the end.

David J. Hazebrouck, P.G., LSP, LEP
Principal

Attachments

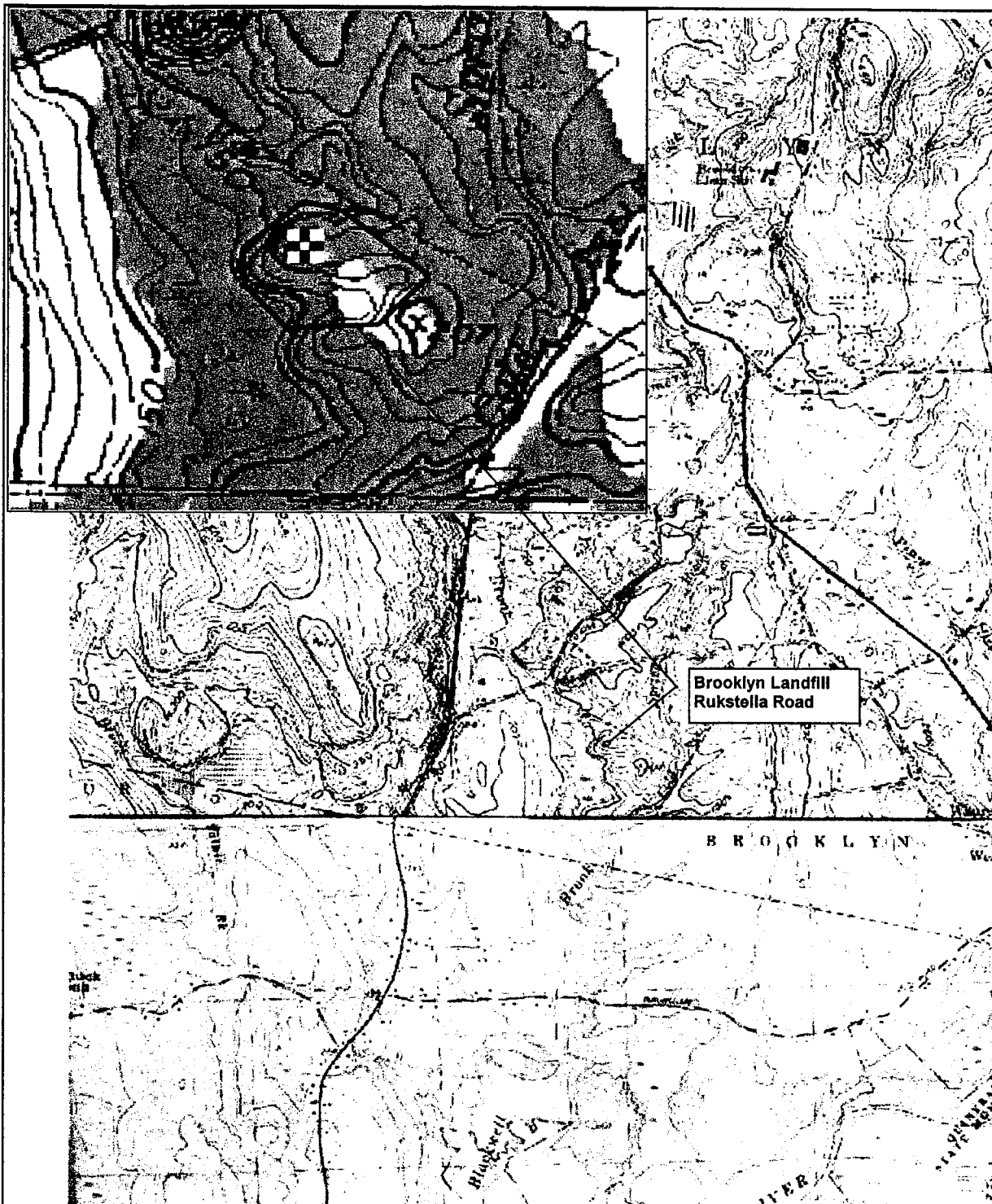


FIGURE 1

Lake Shore Environmental, Inc.

10 Nate Whipple Highway, Cumberland, RI 02864

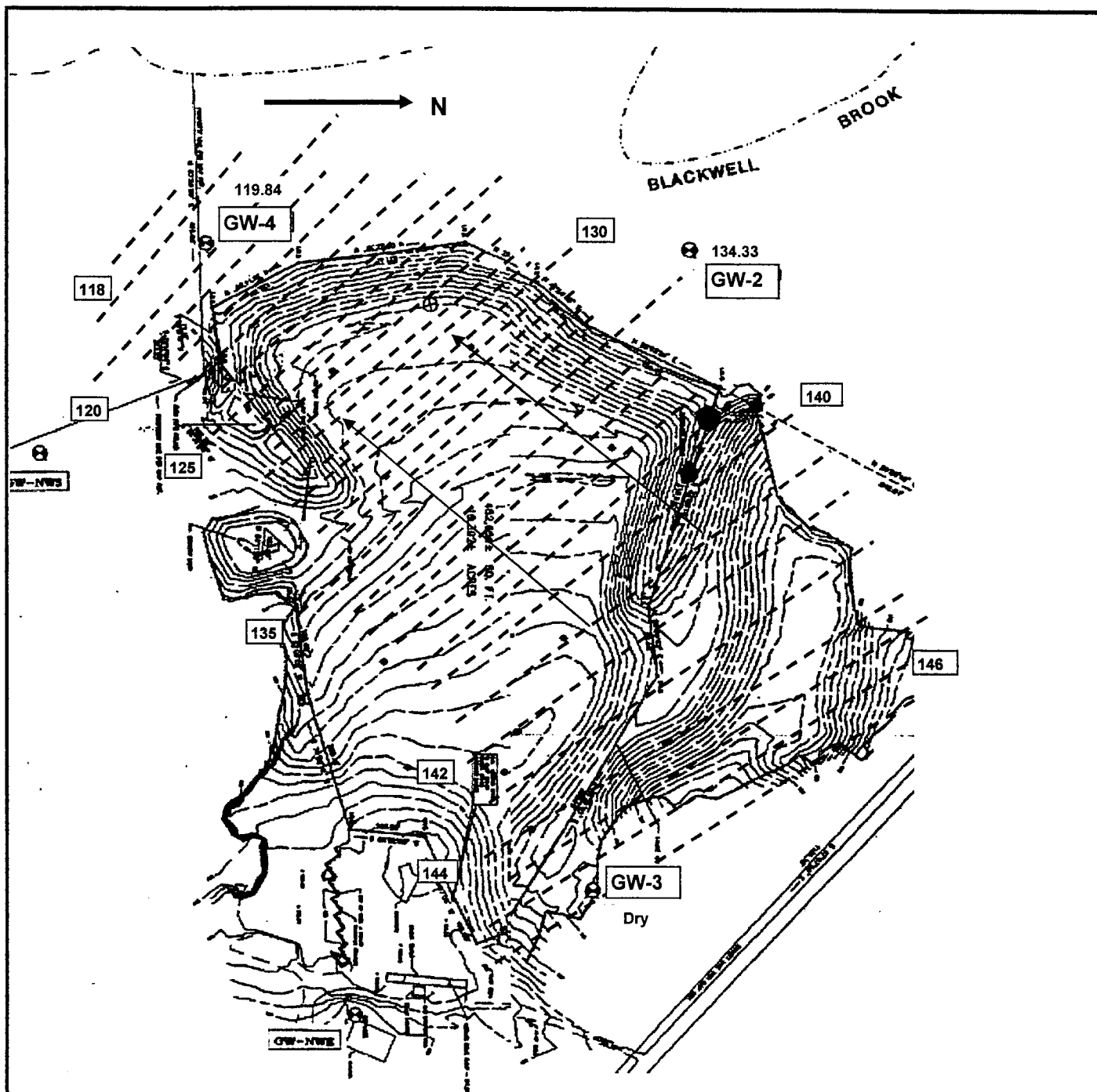
**Site Locus Map
Brooklyn Landfill
Rukstella Road
Brooklyn, CT**

Reference: Map taken from USGS 7.5 minute topographic
of the Danielson & Plainfield Quads

LSE Proj. No. 06018A10

Date: 10/6/2014

Scale: As Shown



125.59 Groundwater Table Elevation
 (Based on 10/6/14 groundwater guaging data)
 - - - Groundwater Contour Line
 → Groundwater Flow Direction

Note: Plan taken from As-Built Plan: Final Landfill Limits and Topography (Geotoxi Report - Fall 2005).

FIGURE 2

Lake Shore Environmental, Inc. 10 Nate Whipple Highway., Cumberland, RI		
Site Plan Showing Monitor Well Locations and Groundwater Contours Brooklyn Landfill Rukstella Rd., Brooklyn, CT		
LSE Proj. No. 06018A10	Date: 10/6/14	Scale: As Shown

Emery Winslow Service Technician Report

Town of Brooklyn
Contact: Bob Mike Barry
Site: Transfer Station – Brooklyn, CT 06234

CMI
Model # 2FT6010
Ser. # 200489

Condition as found: negative

1. Found Internal Metal conduit badly corroded and broken free, wires exposed.
2. Found much sand and debris under scale and touching live part of scale.
3. Found Seal Tight for wires crushed in several places.

Condition as found: positive

1. Scale deck in fair / working condition.
2. Found both junction boxes in dry / clean condition, installed fresh desiccant bags.
3. Section test was in +/- 2d (divisions) "see attached sheet".
4. I had Brooklyn Sand & Gravel truck weighed and recorded on recently certified scale, and checked this scale at 72,920.lbs. the error was + 80. lbs. tolerance for Hand Book 44 is +/- 0.1 %

Note:

I recommend not to rewire this scale due to the man hours involved to rewire the scale in new conduit, would be 2-3 days on site plus materials, this scale should be used as is until the calibration and or the deck fails.

Recommendations:

1. Clean under scale A.S.A.P. and Spring and Fall thereafter.
2. Use fire hose to flush and clean in direction of attached photos.
3. Call me when cleaning is setup I will be glad to offer my time if I am available.

I would like to thank Russell for his time on site, I have briefed him in the cleaning procedure to.

This ends my report.

Dennis P. LaLumiere
Service Engineer

Emery Winslow Scale Company
73 Cogwheel Lane
Seymour, CT 06483-3919

Tel: 203.881.9333
Fax: 203.881.9477

Service Invoice

Invoice Number
105776

Invoice Date

May 31, 2015

Customer: 06234TO NE
Town of Brooklyn
Accounts Payable
P.O. Box 356
Brooklyn, CT 06234-0356

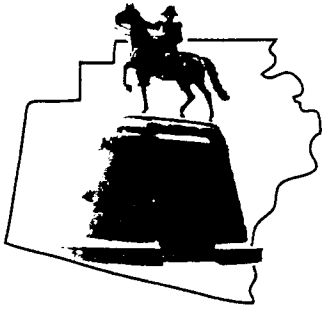
Factory Service Location:
Town of Brooklyn
4 Wolf Den Road
Brooklyn, CT 06234

Ref Quote:

Customer Number	P.O. Number	Job Number	Payment Terms	
06234TO	Mike Barry	Non-Emery	Net 30 Days	
Work Order Number	Service Engineer		Service Date	Payment Due
73007			5/18/15	6/30/15
Qty	Description		Unit Price	Extension
2.00	Evaluated CMI Truck Scale		95.00	190.00
	-- Decided NOT to Replace Summing Card & Load Cell Cable			
	-- Might Cause More Harm Than Good			
	-- Scale Needs Cleaning ASAP			
1.00	Vehicle, Zone 1		65.00	65.00
1.00	Freight Charges to Return Parts		19.97	19.97
1.00	Junction Box Restocking Charge - 10%		34.50	34.50

Lifetime Load Cell Guarantee!!
www.emerywinslow.com

Subtotal	309.47
Sales Tax	
Shipping Charge	
Total Invoice Amount	309.47
Payment Received	0.00
TOTAL	309.47



TOWN OF BROOKLYN

P.O. Box 356 - Route 6 and 169
BROOKLYN, CONNECTICUT 06234

OFFICE OF SELECTMEN
TELEPHONE: 860-779-3411

TOWN CLERK
TELEPHONE: 860-779-5032

ASSESSOR
TELEPHONE: 860-774-5611

TAX COLLECTOR
TELEPHONE: 860-774-4072

Mary Jane Burke
9 Eino Drive
Brooklyn, CT 06234

91 7199 9991 7033 3984 9356

June 3, 2015

CERTIFIED #

RELEASE OF NOTICE OF VIOLATION OF SEC. 14-1 OF THE BROOKLYN SOLID WASTE REGULATIONS

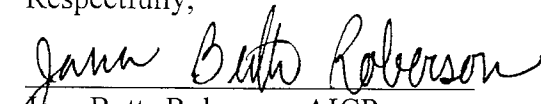
Re: 9 Eino Drive

Ms. Burke:

This letter is to certify that all corrective actions and conditions required by the Brooklyn Resource Recovery Commission at their October 9, 2013 regular meeting and outlined in the certified letter (#91 7199 9991 7033 3984 3965) dated October 16, 2013 have been met. Therefore, the Solid Waste Violation (Notice) recorded on the Brooklyn Land Records as Book 554, Page 117-118 is hereby released.

A one thousand dollar (\$1,000) erosion and sedimentation control bond has been posted by Mary Jane Burke to ensure that slope restabilization efforts installed in May 2015 and including regrading, seeding, and mulching of eroded areas are effective and the site is revegetated. Your on-going attention to these matters is greatly appreciated.

Respectfully,


Jana Butts Roberson, AICP
Land Use Administrator

CC: First Selectman, BRRA, File