

LOPEZ SOLID WASTE DISPOSAL DISTRICT REGULAR MANAGING BOARD MEETING

MINUTES

THURSDAY, November 17, 2016
LOPEZ ISLAND FIRE HALL MEETING ROOM
3:00 PM to 5:00 PM
Approved 12/15/16

Board members present: Sandy Bishop, Bruce Creps, Judy Meyer, Dan Post, David Williams, Clark Johnson

Board member absent: Tytti Langford,

Others present: Facilities Manager David Zapalac, Facilities Administrator Gary Lawrence, Training Education and Outreach Coordinator Nikyta Palmisani, SWAP Co-chair Kim Norton, prospective board member Rhea Miller

1. Sandy called the meeting to order at 3 PM, noting no changes to agenda.
2. **David W. moved to approve the minutes from the November 9, 2016 special meeting. The motion was approved unanimously.**
3. Board business:

Treasurer's report: We received a thorough analysis of what would be required for LSWDD to accept credit cards and a recommendation not to accept them. **Bruce moved that we approve the amended budget (See Appendix 5 (below) with \$500 added for computer expenditures. Judy offered a friendly amendment that we increase that to \$1000 so that we will be able to compensate LSWDD employees for use of their personal computers. The amended motion passed unanimously.** Judy and David Z. will meet and then suggest what that compensation should be at our next regular meeting. Board members signed the budget documents that will be sent to the County Council for their approval.

The following voucher/warrants/electronic payments are approved for payment:
Claim numbers: 16041 through 16044, totaling \$15,189.24
Payroll dates: 9/26/2016 through 10/25/2016 totaling \$9733.04.

4. Staff reports and Board action if noted in report or requested:

Manager's monthly report: See Appendix 1 (below).
Administrator's report: See Appendix 6 (below).

Training, Education and Outreach Coordinator's report: See Appendix 2 (below). Nikyta described the ReMake lab at the school, which will use an extruder to convert #1PET into filament that can be used in 3-D printers. Students and teachers are excited about this project. Thrift Store volunteers were pleased to learn about the opportunities for recycling of the textiles, shoes and appliances they receive but cannot sell. We discussed the need for better signage for textiles and appliances so that all our customers know about these opportunities. Clarification is still needed from Skagit Valley College as to whether the Lopez Island Dump will be on their 2017 Road Scholar schedule.

5. Committee reports:

Operations – no report.

Management - Judy moved approval of the board recruitment procedures (see Appendix 3 below). The motion passed unanimously. Clark suggested that the Board consider using a wiki as a way to have an easily accessible record of our policies. He will send us a link to look at, and we will discuss it further at our December meeting.

Administration – They provided the excellent report on credit card acceptance (see Appendix 4 below). Signs at the kiosk should say “We take cash and checks.”

Take It Or Leave It – They are planning the volunteer appreciation event on December 2 and a celebration of the founding LSWDD and SWAP boards on January 28, 2017.

Public Relations has put ads on Lopez Rocks and in the San Juan papers advertising the District Manager position.

6. Other reports –

Solid Waste Alternatives Project -- Letters requesting donations have been mailed. A Trashion Fashion exhibit is up at the Library. Their regular meetings will be on the third Tuesday of each month, and their focus will be on community education.

Solid Waste Advisory Committee will meet in December. The new Orcas representative is Paul Anderson.

7. Old business –

An MOU with the school regarding the ReMake lab is not needed because we are not purchasing anything, and working at the school is part of Nikyta's workplan.

We discussed adopting a new policy on co-mingled recyclables, which take up needed storage space at the Z wall. Waxed cartons and tetrapaks wind up as sludge in

the mixed paper stream. Currently we are accepting co-mingled recyclables at \$5/bag and asking volunteers to remove the recyclables and put the waxed cartons and tetrapaks in garbage. Nikyta agreed to contact Mark Herrenkohl and Lautenbach to determine if there are other options for recycling the waxed cartons and tetrapaks. We will discuss this again in December.

We are receiving too much canary grass as a noxious weed, and the county has no more funds to reimburse us for noxious weed disposal for the rest of the year. Canary grass can be composted, and David Z was asked to talk with the parties involved to determine if arrangements can be made for composting. **Bruce moved that we not charge customers for noxious weed disposal through 12/31/16 even though we are not being reimbursed by the county. The motion passed unanimously.**

If we find applicants we wish to interview for the District Manager position, we will do it in an executive session.

Rhea Miller talked about her experience in solid waste issues and her interest in serving on the Board. **Judy moved that we recommend to our Governing Board that Rhea Miller be appointed as a LSWDD Board Member starting 1 January 2017. The motion passed unanimously.**

8. New business – We agreed to have a special meeting on December 7 to discuss board transition.

Meeting was adjourned at 5:02 pm. The next regular board meeting is December 15, 2016.

Respectfully submitted,

Judy Meyer,
Secretary
judym@lopezsolidwaste.org

Appendix 1 Solid Waste Facility Manager's Monthly Report

Date Issued: November 13, 2016

SAFETY

A Disabled parking sign has been ordered for the parking spot closest to the TIOLI shed. Striping has not occurred due to rainy weather.

GENERAL

OPERATIONS/ONGOING ISSUES:

The full 40 yard Commingled container containing 8,560 pounds of materials was hauled to Waste Management in Woodenville. The last time this container had been emptied was December of 2015. Commingled recyclables are now being received only in the tippler in the recycle plaza. Volunteers are "murfing" (sorting out) the recyclable items from the tippler during their shifts as items come in.

The first storm water test since last Spring was sent out for testing and has passed. The turbidity reading was 12.5 NTU, up from the Q1 Reading of 8.57 but well below the benchmark of 25.

The two 40 yard containers to the North of the baler shed have been moved to their new locations East of the kiosk. The remaining space has been better organized for storage of IBC containers and for receiving steel from customers. The new unloading area for large appliances is working well, with ample room for customers to park away from the incoming traffic.

Eric Blaser has returned to fill in for vacationing staff. Eric will be working shifts throughout November and December while Gary and Nikyta take time off.

Mark Herrenkohl informed the Manager that the well water on site had been tested by the County and it meets or exceeds standards for potability.

Nikyta and David met with Carol Steckler to discuss volunteer issues including email communication. Carol will emphasize the need for full volunteer coverage on Sundays.

Skagit River Steel and Recycling prices October were as follows:

Corrugated cardboard \$67/ton (up from \$59)

Aluminum cans \$0.30/lb. (unchanged)

Bulk Appliance steel \$20/ton (unchanged)

Insulated copper wire \$0.42/lb. (we sent 483 pounds in a collapsible container)

#1 PET bottles and LDPE plastic still \$0/lb.

CUSTOMER/VOLUNTEER FEEDBACK:

At the TIOLI suggestion box a note was left with the idea of having a “Tip of the Day” for example “how to clean plastic chairs to restore white” posted on a prominent board to encourage more recycling/reuse.

Appendix 2

November 2016 Board Report -- Training, Education and Outreach Coordinator

Training / Volunteers:

Metrics: 81% shifts filled for. Goal was 87%. See Administrators report attached.

Training:

- 5 volunteers trained this month, including Clark Johnson, our new board member!
- Training 2 teams of Lopez Thrift store volunteers totaling 11 volunteers and including Bill and Norma, Thrift store owners, and Pat Johnson, the board member who attended our LSWDD board meeting last month.

Volunteer Recruitment:

5 new volunteers recruited and trained this month.

Education:

- Met with 3 Lopez school teachers: Brian Goff, 2nd Grade and Lori Swanson 3-5th grade, and Toni Willets, High School, regarding collaborative teaching and ReMake lab. All teachers are elated about this project and ready to be on board to learn 3D printing and use it in their classrooms
- Brian Goff would like to start a Engineering Club after school which can provide another venue for use of the ReMake Lab.
- Through the course of the meetings the elementary school teachers realized they always need “manipulatables” for classroom use. So we have scheduled a “behind the scenes” tour for these teachers to explore the recycle plaza and TIOLI for materials for creative reuse ideas: like bottle caps, textiles, reused arts and crafts supplies, etc.
- Re-Make lab has finalized specifications and design for the extruder, which includes used and reclaimed engines from Metal Dog demolition, found augers and pipes, and reclaimed switches and work table. Fabrication and electronic programming will start next week. Goal for completion of extruder is end of January, so testing can begin. Unveiling of the project scheduled for March 3,

2017 to coincide with Lopez School's STEM & Science night. We would like to introduce the ReMake Lab to the community at large on Earth Day, April 22, 2017. This will include possible live demonstrations, video/photo documentation of the process and meaningful applications of localized recycling and manufacturing with examples of what we have printed.

- Principal Dave Sather secured funding to purchase 3D printer and will do so next week so our team can begin to learn how to use it and train teachers.
- MOU in process for collaboration with Lopez School and ReMake Lab.
- At the request of Carol Steckler, Page Read will be presenting the ReMake Lab to the School Board meeting Nov 30th.
- Met with Jeanna Carter regarding LSWDD/SWAP scholarships, senior projects and possible internship opportunities through SWAP. SWAP will be discussing these potentials at their Nov 22 board meeting which TEOC will attend.
- Signs for recycling signage for businesses and home have been designed and sent to PR/Sign Committee for approval to post PDF's on website.
-

Outreach :

Preparing for December's on site outreach to assist customers in self separated recycling systems.

Events:

- Volunteer Appreciation party is scheduled for Dec 2, 5-7 pm at Grace Hall
- LSWDD & SWAP founding board members community thank you and celebration scheduled for Jan 28, 2017 at the LCCA. Details to follow.

Ongoing:

- TIOLI Committee has changed from monthly meetings to as needed basis. Nikyta and David met with Carol to address volunteer coordinator communications around shift coverage and to plan volunteer appreciation party.
- PR Committee: has not met this month, but are working on signs for home & business recycling as well as fall newsletter.
- SWAP Board meeting scheduled Nov 22. TEOC will attend.
- TIOLI donation weight data collected for October.

October 2016 Volunteer Analysis

Volunteer Hours/Rate	
Potential Volunteer Shift Hours	Number of Open Days
276	14
Total Shift Hours Volunteered	Shift Participation Rate
241.75	88%
Potential TIOLI Shift Hours	Potential Recycle Shift Hours
138	138
TIOLI Shift Hours Volunteered	Recycle Shift Hours Volunteered
144.25	97.5
TIOLI Participation Rate	Recycle Participation Rate
105%	71%
Special Project TIOLI	Special Project Recycling
12	32
Total Hours Volunteered	
285.75	

Unfilled Shifts	
All Shifts	
Total	108
Unfilled	21
% Filled	81%
TIOLI Shifts	
Total	54
Unfilled	5
Filled %	91%
Recycle Shifts	
Total	54
Unfilled	16
Filled %	70%
Number of Shift Volunteers Participating	
TIOLI	18
Recycling	13

Hours and shifts have been adjusted for October 15 2nd shift due to storm

Appendix 3 Board recruitment procedure -- APPROVED 11/17/16

1. The LSWDD managing board (Board) determines a need to fill a vacancy or create a new position, subject to Bylaws Article 2 provisions and to County ordinances.
2. Any openings shall be posted on the LSWDD web site and Lopezrocks by PR committee. If deemed appropriate by the Board, advertising, bulk emailing, and other means to contact potential applicants might be used.
3. Board chair or designee (Chair) notifies the Council Assistant about the open position. The County may post such openings per their own procedures.
4. Applicants fill out an application and attend one or more LSWDD board meetings.
5. Applicants are screened, reviewed, and recommended by the Board based on qualifications and Board needs.
6. Chair forwards the application and Board's written recommendation to the Governing Body. If requested by the Governing Body, the applicant and a board-appointed representative shall attend the Governing Body meeting in person or via telecommunication to answer questions and seek approval of applicant to Board.

After Governing Body approval:

7. To orient a new board member, Board appoints an existing board member as mentor, or otherwise creates an orientation process to inform the new member on LSWDD structure, authority, job description, committees, finances, operations, history, PR, SWAP, and other board matters.
8. Admin committee sets up a new LSWDD email account (name@lopezsolidwaste.org) for new member.
9. PR committee updates LSWDD website and other pertinent publications to reflect current Managing Board members. PR solicits a one-paragraph bio from new member, and edits and posts it to the website.
10. Chair notifies the Council Assistant that the open position has been filled.
11. Finance person adds new member signature lines to any documents (claims, payroll timesheet, resolutions) requiring Board approval.

APPENDICES 4 (Administrative Committee Report on accepting credit cards), **5** (2017 Approved Budget) **AND 6** (Administrator's Report) are on the following pages.

Admin Committee Report on Potential Credit Card Usage at LSWDD
November 15, 2016

The admin committee met to discuss whether LSWDD should accept Credit/Debit cards (CC). After much discussion the following issues became apparent:

- A substantial amount of work would be required to integrate a CC verification system into our current Lissy POS system. It very well may be beyond our ability to do it. Therefore a separate stand-alone system would be required to enter and verify the card. This would increase the time required at the kiosk to enter information into both systems and receive the authorization code from the CC processor. Additionally, because sales amounts and a few complete card's information per day would have to be manually entered, the probability of error introduction would increase.
- Due to County regulations a separate bank account would need to be opened since CC regulations require the ability to manage chargebacks by the CC processor. County does not allow non-county access to county owned bank accounts.
- Each CC processor deposits directly into the assigned bank account on a 1 day, 2 day or weekly schedule. These deposits would need to be reconciled with Lissy records and a separate Transmittal would need to be created within Lissy prior to the deposit being transferred into the county account. Once we implement the above procedures, the state and county audit burden for LSWDD significantly increases.
- We have not determined whether customer signatures would be required. If they are, then some method of acquiring these signatures would need to be implemented. This could be a separate paper slip printed on a separate printer and then passed out the window or a signature gathered on an electronic pad passed out the window. Technologies continue to be developed for managing this process and something more desirable may become available in the future but these are the primary methods available to us right now.
- We believe that should we implement CC usage at the kiosk, most check writing customers would immediately switch to using CC and a substantial number of our cash customers would as well.
- Unless the system is fast and seamless the technical support and the back end accounting burden would increase. We also believe that CC usage would increase the time spent at the window and more errors would be introduced.

- The amount charged by the CC processor is between 2.75 and 3 percent which could be passed onto the customer. The other non-direct expenses such as hardware, technical support, bank fees, accounting costs would be absorbed by LSWDD.

In light of the findings by the Admin Committee our recommendation is that we do not implement a CC system at this time. Our understanding is that CC technology has developed in Europe beyond what we routinely use here in the US. Eventually something close to this technology will be accepted in the US. We recommend that we revisit CC usage at that time.

We do make 1 additional recommendation. The website should be changed to reflect LSWDD acceptable payment methods and a small sign should be placed prominently at the kiosk.

Lopez Solid Waste Disposal District • 2017 Budget

APPROVED by Managing Board 11/17/2016

INCOME STATEMENT -- CASH BASIS	2016 BUDGET	2013 ACTUAL	2014 ACTUAL	2015 ACTUAL	2016 thru 9/30	2016 EST. thru 12/31/16	2017 BUDGET	Notes - 2016 2017
REVENUE:								
Beginning Cash	196,000	47,000	78,329	149,037	229,130	229,130	232,231	add \$500 for Petty Cash per SJC Auditor
Tax Levy Revenue	115,000	96,544	112,314	113,894	73,707	115,000	80,000	budget assume no net delinquency
Leasehold Tax Revenue	-	49	24	-	-	-	-	
Timber Harvest Tax Revenue	-	-	-	10	19	19	-	
Excise Tax Revenue	51,670	49,013	51,387	59,811	42,801	56,685	56,600	16% garbage + 10 mo SJS act + \$6k 16% garbage + SJS \$33k
Grant Revenue - DOE	-	-	-	23,300	-	-	-	
Garbage Tip Fee Revenue	135,450	125,387	131,401	149,177	120,900	147,490	147,490	490 tons = 108.9% budget per qty. of tons and \$/ton below
Recyclables Sales Revenue	12,000	16,087	18,155	12,639	9,691	12,511	12,000	100% budget Oct-Dec trend down
Recyclables Tip Fee Revenue	7,500	11,020	8,836	7,992	6,174	7,934	7,500	100% budget Oct-Dec trend down, assumes commingled
Interest Revenue	-	-	-	-	-	-	750	new, invest in state pool
Donations	5,000	27,363	16,343	10,731	2,876	5,000	-	budget await est. from SWAP
Cash Over (Short)	-	(38)	1	3	2	2	-	
Late and NSF Fees, Penalties	-	5	60	25	-	-	-	
Misc. Revenue	-	-	-	-	-	-	-	
Refuse Tax	4,880	4,503	4,718	5,357	4,342	5,310	5,310	3.6% of garbage rev. 3.6% of garbage rev.
Proceeds of Long-Term Debt--other	-	46,500	-	-	-	-	-	
Intergovernmental Loan	-	-	-	-	-	-	-	
Total Revenue	331,500	376,433	343,239	382,939	260,512	349,951	309,650	
Total Revenue and Beginning Cash	527,500	423,433	421,568	531,976	489,642	579,081	541,881	
EXPENDITURES:								
Wages	124,200	71,554	74,975	98,482	82,243	112,652	150,910	100% budget Oct-Dec see 2017 est hours spreadsheet
Overtime	-	-	-	765	108	150	-	
FICA	9,500	5,474	5,736	7,593	6,300	8,629	11,540	7.65% of wages 7.65% of wages
L&I	6,960	3,359	4,076	5,145	4,214	6,317	8,450	5.6% of wages 5.6% of wages
Retirement	11,180	5,931	5,201	8,120	8,206	11,280	16,600	10.0 % of wages 11.0 % of wages
Medical Benefits	-	-	-	-	-	-	-	
Personnel Benefits	1,200	873	640	429	64	128	500	double 1st 2 qtrs unemployment ins. increases if used
Office & Operating Supplies	5,000	4,644	3,344	1,208	1,417	2,664	3,500	100% budget Oct-Dec trend down
Fuel	4,500	3,971	4,443	2,565	1,164	2,289	4,000	\$225/mo Aug-Dec est.
Small Tools & Equipment	7,500	387	6,851	2,605	2,502	4,377	7,500	100% budget Oct-Dec est.
Accounting and Professional Services	5,000	1,453	3,662	7,050	1,952	3,452	4,000	100% budget Oct-Dec est.
Advertising and Public Outreach	1,000	-	-	371	788	1,200	1,200	est. est.
SJC Admin. and Legacy Fees	29,000	38,190	41,777	38,302	23,140	30,853	31,750	actual, per SJC await est. from Mark H.
Communications	2,000	1,732	1,398	1,768	1,080	1,577	1,800	100% budget Oct-Dec est.
Travel	-	-	-	715	-	-	-	
Taxes, Other	2,140	6,919	2,014	1,826	1,597	2,850	2,320	100% budget Oct-Dec 1.5% of (garbage + recycling)
Rentals and Leases	-	-	-	175	1,690	2,040	2,400	\$175/mo Nov-Dec office + \$300 misc.
Insurance	17,500	17,141	12,987	14,384	20,059	20,059	14,500	incl liability thru 9/1/17 est.
Utility Services	900	1,869	1,373	657	448	748	1,000	100% budget Sept-Dec incr hours, days, facility charge
Garbage Tip Fees Paid	42,750	40,192	44,887	44,425	30,681	46,550	46,550	490 tons @\$95 2017 tonnage @\$95
Garbage Transportation Expenditure	10,000	7,408	7,932	7,811	5,892	9,172	9,500	100% budget Oct-Dec est.
Recyclables Tip Fees Paid	10,200	6,924	3,740	4,037	320	620	640	add \$320 (oil) est.
Recyclables Transportation Exp.	8,500	10,365	8,010	7,754	5,457	8,199	8,500	100% budget Oct-Dec est.
Reclamation-Disposal Fees Paid	-	-	-	-	8,405	10,045	4,550	100% budget Oct-Dec (Recycle Tip Fee Pd) 130 tons @\$35
Repairs and Maintenance	12,000	2,045	5,477	6,457	85	3,085	15,000	100% budget Oct-Dec est., allow for \$10k truck repair
Fees & Dues	200	-	158	97	130	177	200	100% budget Oct-Dec est.
Volunteer Expenditure	-	21	-	-	-	-	-	charge to specific acct.
Hazardous Waste Expense Allowance	250	-	-	49	49	49	250	actual est.
Permits and Licenses	3,000	802	2,938	1,264	2,856	2,856	2,200	2016 all paid est.
Ballot and Levy Measures	1,000	-	-	-	-	-	-	assume no LSWDD cost
Interfund Loan Payment	-	50,000	-	-	-	-	-	
Refuse Tax Payment	4,880	-	4,730	4,158	3,670	5,310	5,310	3.6% of garbage rev. 3.6% of garbage rev.
Debt Service: Principal	9,292	-	8,758	9,021	9,292	9,292	9,570	truck truck
Interest Expense	862	653	1,395	1,132	862	862	580	truck truck
Interest, Intergovernmental	-	-	116	-	-	-	-	
Facility Improvements	55,000	-	-	23,069	31,835	37,632	28,500	Rendon + MR \$26.5k baler bldg. extensions, \$2k TIOLI gate
Computer and Software Expenditure	-	154	8	-	79	79	1,000	
Machinery and Equipment	5,000	63,043	15,904	1,413	2,157	2,157	-	
Total Expenditures	390,514	345,104	272,530	302,846	258,742	347,350	394,320	
Ending Cash	136,986	78,329	149,038	229,130	230,900	231,731	147,561	
Total Expenditures and Ending Cash	527,500	423,433	421,568	531,976	489,642	579,081	541,881	

2017 garbage revenue per ton (incl taxes) \$ 360.00

2017 garbage tons 490

Lopez Solid Waste Disposal District (LSWDD) 2014-2016

In Tons	Total Year 2013	YTD Through October		
		2014	2015	2016
Aluminum Cans	2.7	3.00	2.71	3.14
Cardboard	48.0	44.69	52.83	53.53
Commingled Recyclables	14.5	12.20	6.93	-
E-Cycle	5.0	6.11	4.36	5.07
Ferrous Metals	30.5	43.51	26.99	54.25
Glass	95.8	-	-	-
Mixed Paper/Newsprint	81.5	97.30	77.44	74.98
Non-Ferrous Metals	1.4	0.88	1.00	3.18
Other	4.9	8.25	12.63	11.71
Plastics	14.0	20.62	16.74	17.03
Recycle Subtotal	298.3	236.6	201.6	222.9
Garbage	425.0	401.22	387.44	433.35
Glass - reclamation project	15.0	80.00	92.69	103.71
Garbage/Glass Subtotal	440.0	481.2	480.13	537.06
Grand Total Without TIOLI	738.3	717.8	681.77	759.94
TIOLI Intake	-	28.60	109.49	122.80
TIOLI Discards	-	-	(2.46)	(5.66)
Grand Total With TIOLI	-	746.38	788.79	877.08

Full Year Annual Rate	2013 Full Year Rate	2014 Full Year Rate	2015 Full Year Rate
Recycle/Reuse	40%	37%	39%
Garbage/Glass	60%	63%	61%

Year to Date				
Garbage/Glass	Tons		Recycle/Reuse	Tons
2014	481		2014	265
2015	480		2015	309
2016	537		2016	340
Garbage/Glass Rate	%		Recycle/Reuse Rate	%
2014	64%		2014	36%
2015	61%		2015	39%
2016	61%		2016	39%

2016 Monthly in lbs	January	February	March	April	May	June	July	August	September	October	November	December	Total	Tons
Aluminum Cans	480	460	541	-	906	425	877	802	1,339	459	-	-	6,289	3.14
Cardboard	11,437	8,553	3,951	5,206	15,522	10,319	15,378	11,102	16,445	9,137	-	-	107,050	53.53
Commingled Recyclables	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E-Cycle	-	-	-	4,936	-	-	5,200	-	-	-	-	-	10,136	5.07
Ferrous Metal	-	-	23,700	-	13,640	10,600	11,200	11,170	14,580	23,600	-	-	108,490	54.25
Mixed Paper	-	24,320	23,240	-	22,180	21,260	19,100	19,360	20,500	-	-	-	149,960	74.98
Non-Ferrous Metal	508	-	-	4,200	728	-	-	441	-	483	-	-	6,360	3.18
Other	4,300	2,202	150	322	4,485	2,855	1,825	240	6,891	152	-	-	23,422	11.71
Plastics	2,783	2,394	1,955	2,037	6,455	1,930	4,250	4,777	5,318	2,168	-	-	34,067	17.03
Recycle Subtotal	19,508	37,929	53,537	16,701	63,916	47,389	57,830	47,892	65,073	35,999	-	-	445,774	222.89
Garbage	53,480	57,160	79,000	69,380	93,960	102,340	99,140	89,500	105,490	117,240	-	-	866,690	433.3
Glass - reclamation project	14,790	15,000	-	30,990	17,130	19,310	47,350	33,010	19,170	10,670	-	-	207,420	103.7
Garbage/Glass Subtotal	68,270	72,160	79,000	100,370	111,090	121,650	146,490	122,510	124,660	127,910	-	-	1,074,110	537.06
Grand Total Without TIOLI	87,778	110,089	132,537	117,071	175,006	169,039	204,320	170,402	189,733	163,909	-	-	1,519,884	759.94
TIOLI Intake	23,016	20,540	19,871	21,514	24,200	20,556	33,061	30,137	28,765	23,938	-	-	245,598	122.80
TIOLI Discards	(2,000)	(776)	(151)	(965)	(1,154)	(775)	(1,005)	(705)	(1,410)	(2,375)	-	-	(11,316)	(5.66)
Grand Total with TIOLI	108,794	129,853	152,257	137,620	198,052	188,820	236,376	199,834	217,088	185,472	-	-	1,754,166	877.08

2015 Monthly in lbs	January	February	March	April	May	June	July	August	September	October	November	December	Total	Tons
Aluminum Cans	-	541	-	-	-	1,789	867	1,270	431	516	482	523	6,419	3.21
Cardboard	7,713	9,049	9,769	5,817	6,515	16,033	15,116	13,194	14,054	8,407	9,464	9,850	124,981	62.49
Commingled Recyclables	-	-	8,400	-	-	-	5,460	-	-	-	-	8,400	22,260	11.13
E-Cycle	-	-	-	-	3,522	-	-	5,204	-	-	4,783	-	13,509	6.73
Ferrous Metal	-	8,800	-	-	22,600	-	-	22,584	-	-	24,829	300	79,113	39.56
Mixed Paper	-	21,800	-	23,440	-	22,320	21,280	21,260	20,560	24,220	-	22,688	177,368	88.78
Non-Ferrous Metal	1,291	123	-	-	-	234	-	183	97	73	236	3,000	5,237	2.62
Other	3,037	560	3,895	1,055	2,707	6,364	2,354	1,430	884	2,979	679	1,265	27,209	13.60
Plastics	3,943	2,380	422	-	1,627	9,349	4,153	4,852	4,074	2,684	3,036	3,486	40,006	20.00
TIOLI Intake	10,881	12,093	13,332	22,039	31,568	27,476	30,007	24,977	24,871	21,736	16,542	14,626	250,147	125.07
TIOLI Discards	-	(160)	(775)	(183)	(470)	(1,094)	(533)	(514)	(266)	(930)	(1,579)	(218)	(6,722)	(3.36)
Recycle/Resuse Subtotal	26,865	55,186	35,043	52,168	68,069	82,471	78,704	94,440	64,705	59,685	58,472	63,920	739,727	369.86
Garbage	54,500	56,400	91,020	72,800	66,700	79,300	121,040	88,880	71,460	72,780	78,460	78,480	931,820	465.91
Glass - reclamation project	16,000	-	16,000	16,000	16,000	15,160	47,370	29,010	17,360	12,470	19,330	30,360	235,060	117.91
Garbage/Glass Subtotal	70,500	56,400	107,020	88,800	82,700	94,460	168,610	117,890	88,820	85,250	97,790	109,400	1,167,640	583.82
Grand Total	97,365	111,586	142,063	140,968	150,769	176,931	247,314	212,330	153,525	144,935	156,262	173,320	1,907,367	953.68

2014 Monthly In lbs	January	February	March	April	May	June	July	August	September	October	November	December	Total	Tons
Aluminum Cans	1,017	427	-	443	449	543	870	932	895	431	-	989	6,996	3.50
Cardboard	10,845	3,569	8,939	6,077	8,643	4,884	16,796	9,040	13,251	7,341	6,315	11,032	106,932	53.50
Commingled Recyclables	10,520	-	-	-	-	-	8,980	-	4,900	-	-	-	24,400	12.20
E-Cycle	-	-	-	5,173	-	-	-	-	7,041	-	-	2,320	14,536	7.30
Ferrous Metal	1,360	-	-	35,500	-	-	33,480	-	16,680	-	16,700	-	103,720	51.90
Mixed Paper	26,936	17,944	2,846	47,318	-	21,040	38,620	-	17,640	22,260	21,360	22,480	238,444	119.20
Non-Ferrous Metal	-	-	371	988	-	-	-	-	198	194	365	4,127	6,243	3.10
Other	-	3,450	825	2,125	80	7,268	2,025	40	80	605	2,373	2,735	21,628	10.50
Plastics	4,603	1,277	3,199	4,245	5,462	2,919	8,798	3,030	5,535	2,177	2,445	1,651	45,341	22.60
TIOLI Intake	-	-	-	-	-	-	-	28,922	15,060	13,212	25,331	12,333	94,858	47.40
Recycle/Resuse Subtotal	55,281	26,667	16,551	102,859	14,634	36,654	109,569	41,964	81,280	46,614	73,256	61,814	663,098	331.30
Garbage	78,940	56,420	70,720	61,460	72,040	94,720	99,500	91,680	100,800	76,160	85,700	53,620	941,760	471.00
Glass - reclamation project	16,000	-	16,000	16,000	16,000	16,000	32,000	16,000	16,000	16,000	16,000	16,000	192,000	96.00
Garbage/Glass Subtotal	94,940	56,420	86,720	77,460	88,040	110,720	131,500	107,680	116,800	92,160	101,700	69,620	1,133,760	567.00
Grand Total	150,221	83,087	103,271	180,319	102,674	147,374	241,069	149,644	198,080	138,774	176,956	131,434	1,796,858	898.30

Notes on 2016
TIOLI Intake began to be weighed in August 2014.