

LOPEZ SOLID WASTE DISPOSAL DISTRICT REGULAR MANAGING BOARD MEETING

MINUTES

Wednesday, July 18, 2018
LOPEZ ISLAND FIRE HALL MEETING ROOM
1:00 PM to 3:00 PM
Approved 9/19/18

Board members present: Rhea Miller, Judy Meyer, Larry Bailey, Clay Smith

Board member absent: Clark Johnson,

Others present: District Manager Paul Andersson, SWAP Chair Kim Norton, Facility Manager David Zapalac, Guest Linda Noreen, Training, Education, and Outreach Coordinator Nikyta Palmisani

Rhea called the meeting to order at 1:05 PM, noting no changes to agenda.

Larry moved to approve the minutes from the June 20, 2018 regular meeting. The motion was approved unanimously.

Board business

Financial Officer's report: See Appendix 1 and 3 (below)

The following voucher/warrants/electronic payments are approved for payment: Claim numbers: 18024 through 18029, totaling \$20,480.13 June Payroll: totaling \$11,731.73.

Facility Manager's monthly report: See Appendix 2 (below). David provided further details on the car that accidentally drove party into the dumpster. He has the sheriff's report. He plans to fix the Z wall with timber from the county. We discussed problems with people bringing things to TIOLI late on Sunday, and noted that an additional volunteer is needed. A newspaper article describing the problem could be helpful.

Operations Committee recommended purchasing a tippler for disposal of half bags of garbage so that could be done above the lower lot to reduce congestion in that lot. David will buy another tippler. He is also purchasing new containers for metals. The waste oil is filled in 3 months instead of the usual 6, and he is trying to get the hauler to come more frequently.

Administrator's report: Garbage volume is up as can be seen in Appendix 6.

District Manager's monthly report: See Appendix 3 (below). We can count the number of people entering the site and can compare that with the number coming through the kiosk, which will enable use to estimate the number of people using TIOLI. Jamie Stevens and Mike Thomas will be coming to our October meeting, so we can learn about plans for public works. Paul reported on the meeting with the governing board, who approved the levy request.

Administration Committee: Paul passed the new LISSY manual around. Both Clark and Clay have examined it and made some useful suggestions that will be incorporated into it. The Board expressed appreciation for them looking at this carefully. There are currently 4 chapters with one more to go. LISSY could handle credit cards if we wanted to do it, and if the county approved. Contractors especially seem to value this. The Board asked Paul to pursue this for the future.

Plastics Solutions Committee (see Appendix 4): Printers are now being disposed of as garbage. We need a short handout telling people where they could take their printers to be recycled. In addition, it would be useful to describe this in a newspaper article.

Training, Education and Outreach Coordinator's report: (See Appendix 5). The new TIOLI committee is Paul, Eric, Nikyta, Georgina, and Monte. They meet monthly. TIOLI is more organized and cleaner than ever before thanks to new shelving and the efforts of our volunteers. This is more information to include in a newspaper article. Paul suggested a new poster (faces of volunteerism at the dump), which the board thought was a good idea.

We discussed the need for a one page tourist handout explaining how we recycle on Lopez. This should also go on the Chamber website, and there is the possibility of a video for the ferry for next year.

Other reports

Solid Waste Alternatives Program – SWAP has sold 50 skirts at the Farmer's Market this season. Kids and plus sizes of skirts are being made. Nikyta is working on the dog calendar. Junk bonds will sell better if there is a discreet object. LSWDD really needs a new container for glass, so SWAP will try to raise funds for this with junk bonds and put it on the web homepage. SWAP has run out of bags at Blossom; over 600 bags have been given out, and a new container is being made with containers for taking and returning a bag.

Solid Waste Advisory Committee met on June 28. County Council is not interested in amending the legislation so that heavier plastic bags will also be banned. They are ending up in recycling and garbage. There will be a letter to retailers and an education campaign. Paul will be a member of the subcommittee that is working on the Sutton Road (San Juan) composting and recycling facility to learn about the process.

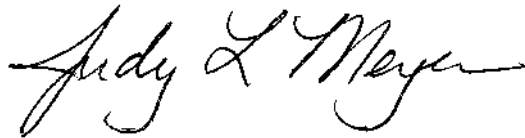
Old business: none.

New business: none.

Idea pot: Paul proposed putting a sandwich board sign on the road showing how many volunteers are needed. This would be a way of attracting “drop in” volunteers. Paul will propose a plan for doing this, and it will be discussed under new business at our next meeting.

The meeting was adjourned at 2:30 pm. The next regular board meeting is August 15, 2018. Paul will send out the board packet, and Larry will take the minutes.

Respectfully submitted,

A handwritten signature in black ink that reads "Judy L Meyer". The signature is written in a cursive style with a large, sweeping initial "J" and "M".

Judy Meyer,
Secretary
judym@lopezsolidwaste.org

Appendix 1

LSWDD			
Profit & Loss Budget vs. Actual			
January through June 2018			
	Jan - Jun ...	Budget	% of Bud...
Income			
Tax Levy Revenue (311.10.00.0000)	63,956.12	64,467.00	99.2%
Timber Harvest Tax Revenue (317.40.00.0000)	14.20	0.00	100.0%
Excise Tax Revenue (318.45.00.0000)	25,867.71	29,482.00	87.7%
Garbage Tip Fee Revenue (343.70.00.0000)	78,494.85	73,097.00	107.4%
Recyclables Sales Revenue (343.70.00.0001)	6,562.71	6,554.00	100.1%
Recyclables Tip Fee Revenue (343.70.00.0002)	4,039.00	3,857.00	104.7%
Investment Interest, LGIP (361.11.00.0000)	1,429.86	498.00	287.1%
Donations (367.00.00.0000)	333.93	0.00	100.0%
Cash Over (Short) (369.81.00.0000)	-4.57	0.00	100.0%
Late and NSF Fees, Penalties (369.90.00.0000)	0.60	0.00	100.0%
Refuse Tax (386.37.00.0000)	2,818.11	2,624.00	107.4%
Total Income	183,512.52	180,579.00	101.6%
Expense			
Wages (537.00.10.0000)	70,940.28	76,108.00	93.2%
Overtime (537.00.10.0001)	0.00	0.00	0.0%
FICA (537.00.20.0001)	5,426.94	5,808.00	93.4%
L&I (537.00.20.0002)	3,095.18	4,264.00	72.6%
Retirement (537.00.20.0003)	7,358.34	8,372.00	87.9%
Medical Benefits (6675.537.00.20.0020)	4,500.00	4,500.00	100.0%
Personnel Benefits (537.00.20.0009)	90.26	88.00	102.6%
Office & Operating Supplies (537.00.31.0000)	1,227.58	1,749.98	70.1%
Fuel (537.00.32.0000)	1,076.05	1,708.00	63.0%
Small Tools & Equipment (537.00.35.0000)	2,015.07	2,499.98	80.6%
Accounting and Professional (537.00.41.0000)	6,416.70	4,600.00	139.5%
Advertising and Public Outreach (537.00.41.0...)	0.00	500.00	0.0%
SJC Admin. and Legacy Fees (537.00.41.0099)	13,125.89	12,624.00	104.0%
Communications (537.00.42.0000)	804.45	1,284.00	62.7%
Travel (537.00.43.0000)	0.00	600.00	0.0%
Taxes, Other (537.00.44.0000)	1,107.64	415.00	266.9%
Rentals and Leases (537.00.45.0000)	1,225.00	1,200.00	102.1%
Insurance (537.00.46.0000)	2,655.62	4,263.00	62.3%
Utility Services (537.00.47.0000)	400.29	498.00	80.4%
Garbage Tip Fees Paid (537.00.47.0001)	20,477.35	18,967.00	108.0%
Garbage Transportation Exp. (537.00.47.0002)	3,822.30	3,482.00	109.8%
Recyclables Tip Fees Paid (537.00.47.0003)	680.60	429.00	158.6%
Recyclables Transportation Exp. (537.00.47.0...)	3,737.20	3,459.00	108.0%
Reclamation-Disposal Fees Paid (537.00.47.0...)	1,875.83	1,942.00	96.6%
Repairs and Maintenance (537.00.48.0000)	1,403.52	6,000.00	23.4%
Fees & Dues (537.00.49.0001)	1,030.00	250.00	412.0%
Hazardous Waste Exp. Allowance (537.00.49...)	52.00	250.00	20.8%
Permits and Licenses (537.00.51.0000)	1,418.00	1,098.00	129.1%
Refuse Tax Payment (586.00.44.0000)	2,541.59	1,100.00	231.1%
Debt service, Principal (591.37.70.0000)	9,857.74	9,570.00	103.0%
Interest Expense (592.37.80.0000)	295.74	580.00	51.0%
Facility Improvements (594.37.63.0000)	608.52	5,502.00	11.1%
Computer and Software Exp. (594.37.64.0000)	423.61	378.00	112.1%
Machinery and Equipment (594.37.64.0001)	0.00	0.00	0.0%
Total Expense	169,689.29	184,088.96	92.2%
Net Income	13,823.23	-3,509.96	-393.8%

Appendix 2

Solid Waste Facility Manager's Monthly Report

Date Issued: July 16, 2018

SAFETY

New signs are being posted around the baler shed to warn the customers not to enter the area. OPS will be looking into ways that the driveway entrance area can be barricaded from traffic while staging containers, since vehicle are constantly trying to come into the facility whenever the gate is opened for our truck to move containers up and down the driveway.

GENERAL

OPERATIONS/ONGOING ISSUES:

With the fourth of July falling on a Wednesday this year, we saw two very heavy traffic weekends with many visitors coming to TIOLI. Transportation of containers was also affected and we experienced a backlog of full containers that could not be shipped that week due to overloaded ferries. Since the garbage had to sit on site for up to a week, we also experienced a problem with maggots falling from one of our containers onto the ferry deck on one of the sailings. A complaint was sent to me by email from the manager of the Anacortes terminal and I responded once I had gathered information about the incident from our driver, who assured me that the actual amount of larvae on the deck was minuscule and that he swept them up right away. Both of our drivers have been asked to monitor the loads when riding the ferries and be prepared to clean up the deck immediately if the problem occurs again.

The Fourth of July library book sale yielded two and a half Gaylord boxes of leftover books that were collected by Dan and myself for recycling or TIOLI. This year our volunteers, Monte and Georgeanna Cook, took two of the containers (roughly a ton of books) home with them to sort for a project that they are involved with that is sending books to Africa.

On July 14th, a few minutes after opening, a customer driving a Chevy Tahoe SUV accidentally stepped on the accelerator while backing up to the "A" container at the Zwall. His vehicle struck the wall barrier with enough force to partially shear the top of the curb and continued past the barrier and become lodged on top of the Zwall barrier curb. The driver was not hurt and the staff and the one volunteer on duty immediately closed the facility and called for the sheriff and fire department to respond and help secure the area below the Zwall. Public works employees from the shop next door also responded and were able to remove the vehicle from the curb using their large loader. The damage to the vehicle was relatively minor and the customer was able to drive it home. I made the decision to keep TIOLI closed for the remainder of the day since we had only one volunteer signed up for the second half of the day and we needed to efficiently handle our backlog of customers who had been waiting two hours for the facility to reopen.

Skagit River Steel and Recycling prices for April/May:
 Baled Corrugated Cardboard \$36/ton (unchanged)
 Aluminum Cans \$0.38/lb. (down \$0.01)

Appliance steel \$80/ton unchanged
Batteries (lead acid) \$0.25/lb.
#2 Copper \$2.05/lb. (188 lbs. sent)
Mixed Paper -\$65/ton (unchanged)

There is still no news from SRSR to report about loads of plastic being shipped to the Merlin facility.

CUSTOMER/VOLUNTEER FEEDBACK:

Customers have been remarking on Mondays that they appreciate the Monday openings.

Eric has expressed his concern that, despite the fact that as many as five volunteers are jumping in to help out Sunday afternoons, they are still not able to keep up with the intake load on a busy day. He has suggested, and I agree, that at least one additional volunteer position is needed on the schedule for Sunday afternoons. I would suggest that the same is needed for the recycle shifts, since two persons are needed for traffic control on Sunday afternoons now and I often ask one of the recycle volunteers (if we happen to have two on duty) to handle traffic parking at the Recycle Plaza while I handle traffic at the Zwall/TIOLI area. That being said, it is often the case lately that shifts are not being signed up for and we are relying on the practice of recruiting last minute help from volunteers who are either there visiting as customers or who are responding to Carol’s repeated email pleas.

Appendix 3

Board Materials – 7/18/18

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Financial Officer’s Report

1. Financial Updates – Monthly and YTD summary:

Summary:

We were 15% below budgeted revenues for June (largely attributable to a late excise tax payment from San Juan Sanitation) and are 2% above budgeted revenues for the year to date. June expenditures were 6% below budgeted and year to date expenditures are 8% below budget.

We are holding \$200,000 in investments.

We have \$34,601 in our cash account; \$234,601 total.

2. Claims and Payroll

Claims and Payroll requiring board signature include:

18024 - \$6,311.98; 18025 - \$830.93; 18026 - \$1,031.27; 18027 - \$607.02; 18028 - \$9405.64; 18029 - \$2293.29; June Payroll – \$11,731.73

Manager's Monthly Report

1. Discussions

a. Governing Board Levy Approval and next steps

Resolution 01-2018 was brought before the Governing Board on July 16

Discussion of next steps and feedback from the Governing Board.

Management Committee Report

COMMITTEE DID NOT MEET

Admin Committee Report

COMMITTEE DID NOT MEET

1. Lissy Documentation

Povl Lasbo has mostly completed all work on Lissy documentation, within budget. He is developing one of the four elements further and expects to stay within budget on this as well.

The document produced will be available during the board meeting and is available online with Lissy Access. The document outlines the architecture of all Lissy functions and how they are interconnected. If Povl becomes unavailable to assist LSWDD with Lissy functionality, this handbook will help general users and a new software developer understand Lissy far more comprehensively than was possible before.

PR Committee Report

COMMITTEE DID NOT MEET

TIOLI Committee Report

COMMITTEE DID NOT MEET

Plastics Solutions Committee Report

The Committee met on June 27th – see notes attached.

Appendix 4

Plastics Solutions Committee

Report to LSWDD Board for July 2018 meeting

The committee met on June 27.

Skagit River Steel and Recycling hasn't been able to contact Merlin, and bales have not been shipped.

Our recommendation to the board is to continue with separation as we have been doing.

Of the materials customers are recycling at LSWDD, 96% is actually recycled. This is markedly better than national numbers on comingled recycling: 55% to landfill, 12% incinerated, and only 33% is actually recycled. This is worth incorporating into a newspaper article.

We discussed options for plastic film as well as possible equipment needs for using PET to make 3D printer filament. Our next meeting is July 25 at 9 AM.

Appendix 5

June 2018 Board Report -- Training, Education and Outreach Coordinator

Training / Volunteers:

Metrics: 86% shifts filled. We are seeing more volunteers jumping into shifts when needed, or when they have time to drop by. So Carol does not see as many sign up in advance, but our numbers are holding steady and busy days will often see Eric joined by up to 5 volunteers on a shift.

The LSWDD Board should be aware that the TIOLI is constantly increasing and at and over capacity for its ability to receive and sort items. Eric and TEOC discuss frequently methods to continue to streamline the process while receiving community input.

Training & Recruitment:

- 3 new Volunteers trained this month, two part of Y2Z.
- Scheduled to speak at 2 HOA meetings in July and October for second home owners.
- Working with District Manager on updated posters for volunteer recruitment posters.

Education:

- Took ReMake lab "Dream Team" on a final field trip (for this group of students before they leave for college) to the Pacific Science Center (PSC). Matt Eaton, PSC Tinker Tank manager saw TEOC's presentation at Maker Faire and would like to feature the ReMake Lab inside the Tinker Tank, which is the hands on science wing of the PSC. He has also invited TEOC to be part of a presentation panel for Curiosity days. This is a themed weekend of focused innovators who do on stage and on site presentations. This theme is "Evolving Cities: Examining the challenges facing cities today, and the innovations that

will sustain the cities of tomorrow". TEOC will work with new Lopez school students to think about what waste and recycling might be like in an ideal urban and rural landscape. Then TEOC will collate these ideas and invite students and parents to attend a day or both days at the PSC if interested. This may also be helpful for Lopez School in their resume of STEM based innovations for future grants, etc.

- Y2Z newsletter with 2 months of blog entries from Zero Waste Challenges scheduled to go out this week. This also includes "Lopez Sustainable Fashion Week" scheduled for last week in July. This corresponds to the Y2Z materials of the month, with July as a focus on textile recycling education. This is focused on second home owners and visitors who may be unaware of what LSWDD does to recycle and reuse textiles, as well as how to shop smarter.

Events:

- Summer Volunteer Appreciation party was another great success—thank you, LSWDD and SWAP boards for the potluck and prizes. This always proves to be a wonderful annual event. Of particular interest were new volunteers coming to socialize with past and present board members and volunteers.
- Upcoming events for July: these will be featured in our Islands Weekly article and newsletter mailing:
- "As a kick off for Lopez Sustainable Fashion Week, there will be a Pop Up Tea and Wine Party at DeJaVu, Wednesday, July 25 from 4 pm – 6 pm. Come play dress up in the DeJaVu's awesome "closet". This is a consignment store that gives a second life to fashion forward, wearable clothes at discount prices. Join Nikyta Palmisani and Owner Theresa Lynch for another famous pop up tea party (this time including wine!) for a fun and free event."
- "Learn and discuss with us, come out to Vita's on Saturday, July 28th from 5- 8 pm for a night that is a "Party with a Purpose". Arrive at 5 pm to purchase a glass of wine or plate of Vita's Wildly Delicious edible delights, then get ready for sustainable fashion presentations which will start at 6 pm. Our line up Includes : Tracey Cottingham presenting "Good News about Sustainable Clothing and Textiles" . A parade of shirt-to-skirts made out of up-cycled TIOLI T-shirts by SWAP volunteers , as well as other sustainable and up-cycled island fashions. Closing with Nikyta Palmisani with an in-depth presentation on of how LSWDD is partnering with Goodwill Industries and the Lopez Thrift Shop to recycle and reuse textiles, and the behind the scenes of what happens to your recycled textiles after they leave the island."

Outreach:

- Newsletter, Islands Weekly newspaper article, Lopez Rocks, FB and website will all be announcing Lopez Sustainable Fashion Week.

Ongoing:

- **Lopez Island Tool Lending Library** waiting for next meeting time.
- **PR Committee** published 1 newspaper articles, Y2Z programming, FB and publications.
- **Plastics Committee:** met and has added a new member, Jelte Harnmeijer. Continues to meet monthly.

TIOLI: Georgeana and Monte Cook are now part of monthly TIOLI meetings as they are doing so much organizationally, and diverting usable items off islands in personal volunteering.

June 2018 Volunteer Analysis

Volunteer Hours/Rate	
Potential Volunteer Shift Hours	Number of Open Days
286	15
Total Shift Hours Volunteered	Participation Rate
233.3	82%
Potential TIOLI Shift Hours	Potential Recycle Shift Hours
137	149
TIOLI Shift Hours Volunteered	Recycle Shift Hours Volunteered
139.75	93.50
TIOLI Participation Rate	Recycle Participation Rate
102%	63%
Special Project TIOLI	Special Project Recycling
35.0	31.0
Total Hours Volunteered	
299.25	

Unfilled Shifts	
All Shifts	
Total	115
Unfilled	22
% Filled	81%

Tioli Shifts	
Total	56
Unfilled	4
Filled %	93%

Recycle Shifts	
Total	59
Unfilled	18
Filled %	69%

Number of Shift Volunteers Participating	
TIOLI	19
Recycling	16
Total	35

Appendix 6 (see next page)

Lopez Solid Waste Disposal District (LSWDD) 2014-2018

In Tons	Total Year 2013	YTD Through				June
		2014	2015	2016	2017	2018
Aluminum Cans	2.7	1.44	1.17	1.41	1.60	2.99
Cardboard	48.0	21.48	27.35	27.48	32.40	37.00
Commingled Recyclables	14.5	5.26	4.20	-	-	-
E-Cycle	5.0	1.64	1.76	2.47	3.21	1.32
Ferrous Metals	30.5	18.34	15.70	23.97	31.63	35.24
Glass	95.8	-	-	-	-	-
Mixed Paper/Newsprint	81.5	58.04	33.78	45.50	37.87	38.33
Non-Ferrous Metals	1.4	0.68	0.82	2.72	2.83	3.30
Other	4.9	6.86	8.81	7.16	8.14	11.92
Plastics	14.0	10.85	8.86	8.78	9.86	4.52
Recycle Subtotal	298.3	124.6	102.5	119.48	127.5	134.6
Garbage	425.0	217.15	210.27	227.66	238.88	266.39
Glass - reclamation project	15.0	40.00	38.63	48.61	54.85	52.11
Garbage/Glass Subtotal	440.0	257.2	248.90	276.27	293.73	318.50
Grand Total Without TIOLI	738.3	381.7	351.35	395.75	421.26	453.13
TIOLI Intake	-	-	58.69	64.85	74.46	102.01
TIOLI Discards	-	-	(1.34)	(2.91)	(3.07)	(3.44)
Grand Total With TIOLI	-	-	408.70	457.70	492.65	551.69

Full Year Annual Rate	2013 Full Year Rate	2014 Full Year Rate	2015 Full Year Rate	2016 Full Year Rate	2017 Full Year Rate
Recycle/Reuse	40%	37%	39%	40%	41%
Garbage/Glass	60%	63%	61%	60%	59%

Year to Date			
Garbage/Glass	Tons	Recycle/Reus	Tons
2014	257	2014	125
2015	249	2015	160
2016	276	2016	181
2017	294	2017	199
2018	319	2018	233

Garbage/Glass Rate	%	Recycle/Reus	%
2014	67%	2014	33%
2015	61%	2015	39%
2016	60%	2016	40%
2017	60%	2017	40%
2018	58%	2018	42%

2018 Monthly in lbs	January	February	March	April	May	June	July	August	September	October	November	December	Total	Tons
Aluminum Cans	959	-	1,986	-	1,726	1,303	-	-	-	-	-	-	5,974	2.99
Cardboard	13,913	8,488	11,411	6,259	16,427	17,506	-	-	-	-	-	-	74,004	37.00
E-Cycle	-	-	2,643	-	-	-	-	-	-	-	-	-	2,643	1.32
Ferrous Metal	-	11,165	12,860	11,018	35,440	-	-	-	-	-	-	-	70,483	35.24
Mixed Paper	18,700	-	17,056	22,000	18,900	-	-	-	-	-	-	-	76,656	38.33
Non-Ferrous Metal	40	799	682	4,107	35	945	-	-	-	-	-	-	6,608	3.30
Other	2,640	440	4,675	7,970	7,865	250	-	-	-	-	-	-	23,840	11.92
Plastics	2,210	665	2,072	-	2,569	1,527	-	-	-	-	-	-	9,043	4.52
Recycle Subtotal	38,462	21,557	53,385	51,354	82,962	21,531	-	-	-	-	-	-	269,251	134.63
Garbage	86,060	67,200	76,860	68,200	128,940	105,520	-	-	-	-	-	-	532,780	266.39
Glass - reclamation project	21,110	13,940	17,220	16,340	16,610	19,000	-	-	-	-	-	-	104,220	52.11
Garbage/Glass Subtotal	107,170	81,140	94,080	84,540	145,550	124,520	-	-	-	-	-	-	637,000	318.50
Grand Total Without TIOLI	145,632	102,697	147,465	135,894	228,512	146,051	-	-	-	-	-	-	906,251	453.13
TIOLI Intake	28,629	18,224	29,667	30,295	54,440	42,763	-	-	-	-	-	-	204,018	102.01
TIOLI Discards	(1,195)	(385)	(1,007)	(1,300)	(1,500)	(1,500)	-	-	-	-	-	-	(6,887)	(3.44)
Grand Total with TIOLI	173,066	120,536	176,126	164,889	281,452	187,314	-	-	-	-	-	-	1,103,382	551.69

2017 Monthly in lbs	January	February	March	April	May	June	July	August	September	October	November	December	Total	Tons
Aluminum Cans	940	-	457	924	442	428	1,252	1,705	885	411	927	935	9,306	4.65
Cardboard	15,395	5,636	9,462	11,907	10,084	12,318	17,407	15,887	15,445	5,717	15,372	10,701	145,331	72.67
Commingle Recyclables	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E-Cycle	-	-	-	6,412	-	-	1,800	-	-	-	-	2,400	10,612	5.31
Ferrous Metal	12,500	319	11,140	14,700	12,360	12,240	11,880	22,160	12,820	12,980	11,420	10,960	145,479	72.74
Mixed Paper	16,040	-	25,200	16,534	17,960	-	20,020	18,840	17,040	21,880	-	25,460	178,974	89.49
Non-Ferrous Metal	97	371	377	383	-	4,434	92	97	311	481	-	271	6,914	3.46
Other	1,134	4,256	3,390	170	4,145	3,192	5,844	1,488	3,149	8,355	4,986	1,361	41,470	20.74
Plastics	3,678	1,681	1,112	5,629	2,490	5,132	4,391	5,822	4,461	2,649	3,888	1,842	42,775	21.39
Recycle Subtotal	49,784	12,263	51,138	56,659	47,481	37,744	62,686	65,999	54,111	52,473	36,593	53,930	580,861	290.43

Garbage	74,700	70,750	84,740	74,880	85,560	87,120	139,880	112,960	110,540	67,420	88,100	70,980	1,067,630	533.8
Glass - reclamation project	27,680	14,080	16,270	15,680	17,750	18,240	44,960	20,100	18,260	22,280	19,490	19,580	254,370	127.2
Garbage/Glass Subtotal	102,380	84,830	101,010	90,560	103,310	105,360	184,840	133,060	128,800	89,700	107,590	90,560	1,322,000	661.00
Grand Total Without TIOLI	152,164	97,093	152,148	147,219	150,791	143,104	247,526	199,059	182,911	142,173	144,183	144,490	1,902,861	951.43
TIOLI Intake	22,376	16,567	19,478	29,659	24,746	36,099	31,429	38,925	36,099	24,908	19,061	37,632	333,560	166.78
TIOLI Discards	(483)	(605)	(915)	(795)	(2,010)	(1,335)	(1,471)	(456)	(1,620)	(390)	(675)	(1,095)	(11,850)	(5.93)
Grand Total with TIOLI	174,057	113,055	170,711	176,083	173,527	177,868	277,484	231,284	220,216	166,691	162,569	181,027	2,224,571	1,112.29

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	980	496	7,765	3.88
Cardboard	11,437	8,553	3,932	5,206	15,522	10,319	15,378	11,102	16,445	9,137	13,692	7,202	127,944	63.97
Commingle Recyclables	-	-	-	-	-	-	-	-	-	-	8,560	-	8,560	4.28
E-Cycle	-	-	-	4,936	-	-	5,200	-	-	-	5,200	-	15,336	7.67
Ferrous Metal	-	-	23,700	-	13,640	10,600	11,200	11,170	14,580	23,600	13,580	-	122,070	61.04
Mixed Paper	-	24,320	23,240	-	22,180	21,260	19,100	19,360	20,500	-	27,260	19,640	196,860	98.43
Non-Ferrous Metal	508	-	-	4,200	728	-	-	441	-	483	485	67	6,912	3.46
Other	4,300	2,202	150	322	4,485	2,855	1,825	240	6,891	152	2,265	2,685	28,372	14.19
Plastics	2,783	2,394	1,955	2,037	6,455	1,930	4,250	4,777	5,318	2,168	4,308	3,642	42,017	21.01
Recycle Subtotal	19,318	37,929	53,537	16,701	63,916	47,389	57,830	47,892	63,173	35,999	76,330	33,732	555,836	277.92
Garbage	53,480	57,160	79,000	69,380	93,960	102,340	99,140	89,500	105,490	117,240	54,000	74,860	995,531	497.8
Glass - reclamation project	14,790	15,000	-	30,990	17,130	19,310	47,350	33,010	19,170	10,670	21,340	16,720	245,480	122.7
Garbage/Glass Subtotal	68,270	72,160	79,000	100,370	111,090	121,651	146,490	122,320	124,660	127,910	75,340	91,580	1,241,030	620.33
Grand Total Without TIOLI	87,778	110,089	132,537	117,071	173,106	169,039	204,320	170,402	189,733	163,909	132,670	125,312	1,796,866	898.43
TIOLI Intake	23,016	20,540	19,871	21,514	24,200	20,556	33,061	30,137	28,765	23,938	21,649	9,836	277,083	138.54
TIOLI Discards	(2,000)	(776)	(151)	(965)	(1,154)	(775)	(1,005)	(705)	(1,410)	(2,375)	(645)	(925)	(12,886)	(6.44)
Grand Total with TIOLI	108,794	129,853	152,257	137,620	198,033	188,820	236,376	199,834	217,088	185,472	172,674	134,223	2,061,063	1,030.53

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	326	482	523	6,419	3.21
Cardboard	7,713	9,049	9,769	5,817	6,325	16,033	13,216	13,194	14,054	8,407	9,464	9,831	124,981	62.49
Commingle Recyclables	-	-	8,400	-	-	-	5,460	-	-	-	-	8,400	22,260	11.13
E-Cycle	-	-	-	-	3,522	-	-	5,204	-	-	4,783	-	13,319	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	231,147	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	67,879	82,471	76,804	94,440	64,705	59,495	58,472	63,901	739,727	369.86
Garbage	54,310	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	13,260	47,370	29,010	17,360	12,470	19,330	30,360	233,160	117.91
Garbage/Glass Subtotal	70,310	56,400	107,020	88,800	82,700	94,460	168,610	117,890	88,820	85,231	97,790	109,400	1,167,640	583.82
Grand Total	97,365	111,586	142,063	140,968	131,769	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	13,232	7,341	6,315	11,032	106,932	53.50
Commingled Recyclables	10,520	-	-	-	-	-	8,980	-	4,900	-	-	-	24,400	12.20
E-Cycle	-	-	-	3,273	-	-	-	-	7,041	-	-	2,320	14,536	7.30
Ferrous Metal	1,360	-	-	35,310	-	-	33,480	-	16,680	-	16,700	-	103,720	32.90
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	-	3,431	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	1,632	45,341	22.60
TIOLI Intake	-	-	-	-	-	-	-	28,922	13,160	13,212	25,331	12,333	94,858	47.40
Recycle/Resuse Subtotal	55,281	26,667	16,532	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	91,680	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	131,310	107,680	116,800	92,160	101,700	69,620	1,133,760	567.00
Grand Total	131,221	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