



City of Gustavus
P.O. Box 1
Gustavus, AK 99826
Phone: (907) 697-2451

COUNCIL PACKET
September 8, 2011 General Meeting



CITY COUNCIL MEETING AGENDA
GENERAL MEETING
SEPTEMBER 8, 2011
7:00PM @ CITY HALL

Jim Mackovjak

Mayor

mayer@gustavus-ak.gov

Mayor Term Expires 2011

Council Seat Term Expires 2013

Lou Cacioppo

Vice Mayor

lou.cacioppo@gustavus-ak.gov

Vice Mayor Term Expires 2011

Council Seat Term Expires 2013

Joe Lassiter

Council Member

joe.lassiter@gustavus-ak.gov

Term Expires 2011

Melanie Lesh

Council Member

melanie.lesh@gustavus-ak.gov

Term Expires 2012

John Nixon

Council Member

john.nixon@gustavus-ak.gov

Term Expires 2011

Tim Sunday

Council Member

tim.sunday@gustavus-ak.gov

Term Expires 2012

Karen Taylor

Council Member

karen.taylor@gustavus-ak.gov

Term Expires 2012

COUNCIL MEETINGS:

Work Sessions:

1st & 3rd Thursdays

General Meeting:

2nd Thursday

1. Call to Order
2. Roll Call
3. Approval of Minutes:
 - A. August 11, 2011 General Meeting
 - B. August 18, 2011 Special Meeting
 - C. August 23, 2011 Special Meeting
4. Mayor's Request for Agenda Changes
5. Committee Reports:
 - A. GCN
 - B. Marine Facilities
6. Public Comment on Non-Agenda Items
7. Consent Agenda:
 - A. Approval of Election Judges & Election Clerks
 - B. Patrick Chipley – Appoint to GCN Committee
 - C. Dena Matkin – Appoint to DRC Committee
 - D. David Nemeth – Appoint GCN Committee
 - E. Lisa Etherington – Appoint DRC Committee
 - F. Approval of Expenditure of over \$2,000 – GCN
 - G. Ordinance for Publication – FY06NCO Amend Marine Facilities Budget
 - H. Approval of Pay Increase for Kapryce Manchester
 - I. Award of FY12 Snow Contract
8. Ordinance for Public Hearing:
 - A. FY12-04NCO – Amend GCN Budget
 - B. FY12-05NCO Amend Road Budget
9. Unfinished Business:
10. New Business:
11. Staff Reports:
 - A. Paul Berry - DRC
12. City Council Reports
 - A. Mayor's report
 - B. City Clerk report
13. City Council Questions and Comments
14. Public Comments on Non-Agenda Items
15. Executive Session
16. Adjournment

**NOT YET APPROVED
City Council Minutes
City of Gustavus, Alaska**

**City Council General Meeting
August 11, 2011**

1. Call to Order: A General Meeting of the Gustavus City Council was held on August 11, 2011 at 7:00PM.
Acting Mayor Cacioppo called the meeting to order at 7:02PM.

2. Roll Call:

Comprising a quorum of the Council the following were present:

Mayor Mackovjak - Via Teleconference
Vice Mayor Cacioppo
Council Member Lassiter
Council Member Lesh -Arrived during Agenda Item 6
Council Member Taylor

Council Members not in attendance:

Council Member Nixon -Absent
Council Member Sunday -Absent

3. Approval of Minutes

A. July 5, 2011 Special Meeting
Minutes of the July 5, 2011 meeting were approved by unanimous consent.

B. July 14, 2011 General Meeting
Minutes of the July 14, 2011 meeting were approved by unanimous consent.

C. July 21, 2011 Special Meeting
Minutes of the July 21, 2011 meeting were approved by unanimous consent.

4. Mayor's Request For Agenda Changes: None

5. Committee Reports:

- A. GVFD Committee no report given.
- B. Lands Committee no report given.
- C. Borough/Annexation Committee report given by Karen Taylor.

6. Public Comment on Non-Agenda Items:

1. Ken Klawunder
2. Wayne Howell
3. Mike Taylor
4. Diane Klawunder

7. Consent Agenda:

- A. Wayne Howell – Appoint to GCN Committee
- B. John Scott – Appoint to GCN Committee
- C. PLA Grant Acceptance & Authorize Mayor to Sign
- D. Ordinance for Publication: FY12-04NCO – Amending GCN Budget

Motion:	Council Member Lassiter moved the Council accept consent agenda as stated.
Seconded by:	Council Member Taylor

ROLL CALL VOTE ON MOTION:
Yes: Cacioppo, Lassiter, Lesh, Mackovjak, Taylor
No: None
Motion Passes 5/0

8. Ordinances for Public Hearing:

- A. FY12-01NCO Amend DRC FY12 Budget

Public Hearing:

1. Paul Berry

Motion:	Council Member Taylor moved to adopt FY12-01NCO for the DRC.
Seconded by:	Council Member Lesh

ROLL CALL VOTE ON MOTION:
Yes: Cacioppo, Lassiter, Lesh, Mackovjak, Taylor
No: None
Motion Passes 5/0

B. FY12-02NCO VPSO Advisory Question

Public Hearing:

1. Gus Martinez
2. Paul Berry
3. Ken Klawunder

Motion:	Council Member Lassiter moved that we adopt FY12-02NCO.
Seconded by:	Council Member Lesh

ROLL CALL VOTE ON MOTION:
Yes: Cacioppo, Lesh, Mackovjak, Taylor
No: Lassiter
Motion Passes 4/1

C. FY12-03NCO Amend GVFD FY12 Budget

Public Hearing: With no one who wished to be heard the public hearing was closed.

Motion:	Council Member Taylor moved that we adopt FY12-03NCO.
Seconded by:	Council Member Lesh

ROLL CALL VOTE ON MOTION:
Yes: Cacioppo, Lassiter, Lesh, Mackovjak, Taylor
No: None
Motion Passes 5/0

9. Unfinished Business: None

10. New Business:

A. Resolution 2011-19 – GCN Sole Source Contract

**NOT YET APPROVED
City Council Minutes
City of Gustavus, Alaska**

Resolution 2011-19 was read by Council Member Lassiter.

Public Comment:

1. Wayne Howell
2. Diane Klawunder

Motion:	Council Member Lassiter moved the Council adopt Resolution 2011-19 GCN Sole Source Contract.
Seconded by:	Council Member Taylor

ROLL CALL VOTE ON MOTION:
Yes: Cacioppo, Lassiter, Lesh, Mackovjak, Taylor
No: None

Motion Passes 5/0

B. Resolution 2011-20–Direction to MFC Committee on Title 8

Resolution 2011-20 was read by Council Member Taylor.

Public Comment:

1. Ken Klawunder

Motion:	Council Member Taylor moved we adopt Resolution 2011-20.
Seconded by:	Vice Mayor Cacioppo

ROLL CALL VOTE ON MOTION:
Yes: Cacioppo, Lassiter, Lesh, Mackovjak, Taylor
No: None

Motion Passes 5/0

11. Staff Reports: None

12. City Council Reports

A. Mayor's Report: None

B. City Clerk's Report:

- LBC Annexation Hearing August 17th & 18th.
- August 20th first day to file for City Council.

- August 22nd Teleconference for Summer Ferry Schedule 10:00AM at City Hall.

13. City Council Questions & Comments

- Council Member Lesh discussed the agreement for the Land that the City Hall and Fire Hall sit on.
- Council Member Taylor commented on the need for volunteers for Committees.
- Vice Mayor Cacioppo addressed the issues at the Boat Harbor.

14. Public Comment on Non-Agenda Items: None

15. Executive Session: None

16. Adjournment:

With no further business before the Council the meeting was adjourned at 8:28PM.

**City Council Special Meeting
August 18, 2011**

NOT YET APPROVED
City Council Minutes
City of Gustavus, Alaska

ROLL CALL VOTE ON MOTION:

Yes: Cacioppo, Lassiter, Lesh, Mackovjak, Nixon, Taylor

No: None

Motion Passes 6/0

B. Ordinance for Publication- FY12-05NCO Amend Road Budget

Public Comment: None

Motion: Council Member Lassiter moved the City Council
publish FY12-05NCO.

Seconded by: Council Member Lesh

ROLL CALL VOTE ON MOTION:

Yes: Cacioppo, Lassiter, Lesh, Mackovjak, Nixon, Taylor

No: None

Motion Passes 6/0

C. Award RFQ RM FY12 Berry Driveway Fish Passage
Improvement

Public Comment:

1. Mike Taylor

Motion: Council Member Lassiter moved the City Council
award RFQ RM FY12 Berry Driveway Fish Passage
Improvement.

Seconded by: Council Member Lesh

Motion To Postpone: Council Member Lesh moved to postpone taking
action on awarding the RFQ for the Berry Driveway.

Seconded by: Council Member Lassiter

ROLL CALL VOTE ON MOTION TO POSTPONE:

Yes: Cacioppo, Lassiter, Lesh, Mackovjak, Nixon, Taylor

No: None

Motion Passes 6/0

NOT YET APPROVED
City Council Minutes
City of Gustavus, Alaska

D. Approval of RFQ# RM-FY12-0xSP Snow Plowing

Public Comment: None

Motion:	Council Member Lesh moved to postpone approval of the RFQ for the snow plowing and sanding to August 23 rd at 7:00PM.
Seconded by:	Council Member Lassiter

ROLL CALL VOTE ON MOTION:
Yes: Cacioppo, Lassiter, Lesh, Mackovjak, Nixon, Taylor
No: None
Motion Passes 6/0

11. Staff Reports: None

12. City Council Reports

A. Mayor's Report

- Thanked the Borough/Annexation Committee for their hard work.

B. City Clerk's Report: None

13. City Council Questions & Comments

- Council Member Lassiter also thanked the Borough Annexation Committee for their hard work.

14. Public Comment on Non-Agenda Items: None

15. Executive Session: None

16. Adjournment:

With no further business before the Council the meeting was adjourned at 7:27PM.

**City Council Special Meeting
August 23, 2011**

City of Gustavus, Alaska
August 23, 2011 City Council Special Meeting
Page 1 of 3

9. Unfinished Business:

A. Award RFQ RM FY12 Berry Driveway Fish Passage Improvement

Public Comment: None

Motion:	Council Member Taylor moved that we award RFQ RM FY12 Berry Driveway Fish Passage Improvement to Fairweather Construction.
Seconded by:	Council Member Lesh

ROLL CALL VOTE ON MOTION:	
Yes:	Cacioppo, Lassiter, Lesh, Mackovjak, Nixon, Taylor
No:	None
Motion Passes 6/0	

B. Approval RFQ RM-FY12-0xSP Snow Plowing and Sanding

Public Comment: None

Motion:	Council Member Nixon moved that the RFQ for snowplowing be approved after deleting all references sanding.
Seconded by:	Council Member Lesh

ROLL CALL VOTE ON MOTION:	
Yes:	Cacioppo, Lassiter, Lesh, Mackovjak, Nixon
No:	Taylor
Motion Passes 5/1	

Motion:	Vice Mayor Cacioppo moved the Council accept and approve the changes for RFQ# RM FY12-0xSP Snow Plowing.
Seconded by:	Council Member Lesh

ROLL CALL VOTE ON MOTION:	
Yes:	Cacioppo, Lassiter, Lesh, Mackovjak, Nixon, Taylor
No:	None
Motion Passes 6/0	

10. New Business: None

11. Staff Reports: None

12. City Council Reports

A. Mayor's Report

B. City Clerk's Report:

13. City Council Questions & Comments

- Council Member Lassiter special meetings and committees.
- Vice Mayor Cacioppo agreed with Council Member Lassiter and commented on what the Council may need to do in the future.

14. Public Comment on Non-Agenda Items: None

15. Executive Session

16. Adjournment:

With no further business before the Council the meeting was adjourned at 7:44PM.

October 4, 2011 General Election

Election Judges:

Liz Vanderzanden – Chair

Nate Borson

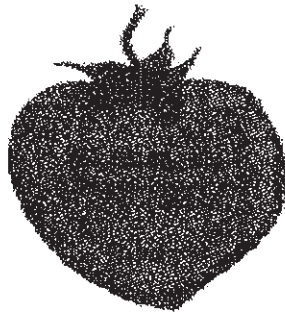
William Unkel

Election Judge Clerks:

Joan Scott

Laurie Ross

Kim Ney



Date Received:

APPLICATION FOR APPOINTMENT/REAPPOINTMENT TO BOARDS & COMMITTEES
CITY OF GUSTAVUS

Board/Committee Name: GCN Board Position: _____

Name: Chipley Patrick
Last First MI

Residence Address: 6 Sandance Lane

Mailing Address: PO Box 92

Home Phone: None

E-Mail Address: baduck@hotmail

Can you regularly attend meetings? _____ YES ☒ NO

(Committee and Board by-laws may have attendance requirements)

Are you currently affiliated with the City in any way? (For example emergency responder, employee)

_____ YES ☒ NO

If yes, please list positions: _____

Have you been a member of this board/committee before? No

Reason for interest in committee/board membership: Not really interested. Feel
sorry for Wayne Howell.

Brief background of experience that would qualify you for the position: 20+ years

IT experience

[Signature]
Signature

Printed Name

3 Aug 11
Date



Date Received:

APPLICATION FOR APPOINTMENT/REAPPOINTMENT TO BOARDS & COMMITTEES
CITY OF GUSTAVUS

Board/Committee Name: DRC committee Position: member

Name: Matkin Dena R
Last First MI

Residence Address: 1 whale Holler

Mailing Address: PO Box 22 / Gustavus, AK 99826

Home Phone: (907) 697-2277

E-Mail Address: denamatkin@hotmail.com

Can you regularly attend meetings? ☒ YES ☐ NO

(Committee and Board by-laws may have attendance requirements)

Are you currently affiliated with the City in any way? (For example emergency responder, employee)
☐ YES ☒ NO

If yes, please list positions: _____

Have you been a member of this board/committee before? no

Reason for interest in committee/board membership: I am interested in the proper disposal & recycling process & elimination of litter.

Brief background of experience that would qualify you for the position: Reporting bear-attracting garbage containers, picking up litter, volunteering at the DRC

Dena Matkin Dena Matkin Aug. 25, 2011
Signature Printed Name Date



Date Received:

APPLICATION FOR APPOINTMENT/REAPPOINTMENT TO BOARDS & COMMITTEES
CITY OF GUSTAVUS

Board/Committee Name: Gustavus Community Network Position: Committee Member

Name: Nemeth David C
Last First MI

Residence Address: 12 Meadow Brook Lane, Gustavus, AK 99826

Mailing Address: PO Box 360, Gustavus, AK 99826

Home Phone: 907-697-2829

E-Mail Address: dknemeth@gmail.com

Can you regularly attend meetings? ☒ YES ☐ NO

(Committee and Board by laws may have attendance requirements)

Are you currently affiliated with the City in any way? (For example emergency responder, employee)

☐ YES ☒ NO

If yes, please list positions: _____

Have you been a member of this board/committee before? No

Reason for interest in committee/board membership: Participation requested by committee chair

Brief background of experience that would qualify you for the position: None to speak of.

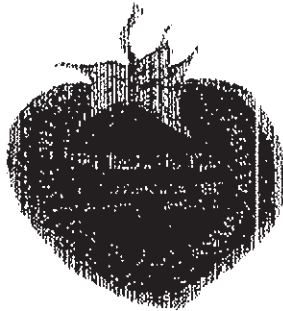
Signature

David Nemeth

Printed Name

Aug. 13, 2011

Date



Date Received:

APPLICATION FOR APPOINTMENT/REAPPOINTMENT TO BOARDS & COMMITTEES
CITY OF GUSTAVUS

Board/Committee Name: Disposal & Recycling Center Position: Committee member

Name: Etherington Lisa L.
 Last First MI

Residence Address: 77 Same old Road

Mailing Address: PO Box 241

Home Phone: 907-957-4789

E-Mail Address: lletherington@hotmail.com

Can you regularly attend meetings? ☒ YES ☐ NO
 (Committee and Board by-laws may have attendance requirements)

Are you currently affiliated with the City in any way? (For example emergency responder, employee)
☐ YES ☒ NO

If yes, please list positions: _____

Have you been a member of this board/committee before? No

Reason for interest in committee/board membership: I have a strong desire to find effective, efficient, and creative solutions for Gustavus' disposal and recycling needs to insure a sustainable operation for the town.
 Brief background of experience that would qualify you for the position: I have worked as a

volunteer at the DRC for several years, I have a solid understanding of the issues, opportunities and challenges that Gustavus is faced with,

Lisa L. Etherington
 Signature

Lisa L. Etherington
 Printed Name

8/24/11
 Date

and I have formal training and work experience within the field of ecology.

Corvid Computing

P.O. Box 281

Gustavus, AK 99826

Estimate

Date	Estimate #
2011-08-28	35

Name / Address
Gustavus Community Network City of Gustavus P.O. Box 1 Gustavus, AK 99826

			Project
Description	Qty	Rate	Total
GCN Contractual Services, Corvid Computing: Re-configure GCN network to use GCI upstream Internet connection instead of current AT&T connection. Extensive design and configuration work is outside scope of maintenance and operations contract, but will save GCN ~\$600/month when completed. Funds for this were budgeted for FY12 because this cut-over was planned. Same amount was spent to cut-over from satellite to AT&T circuit.	16	100.00	1,600.00
GCN Equipment, Corvid Computing: Routerboard 1200 new core router for GCN network, 10 gigabit ports. Mikrotik RouterOS operating system, Level 6 license. Will replace current aging GCN core router and LinkSys Ethernet switch. Will improve reliability and performance, will allow more sophisticated network configurations, will reduce number of devices and save precious space in library boiler room, and will save energy. Funds are in the budget for tower equipment, and this router will likely be moved up there if the tower is ever built.		430.80	430.80
GCN Equipment, Corvid Computing: Battery back-up for GCN equipment at library. APC SURTAI500RMXL2U 1500 VA 1050 Watts 6 Outlets Rack Tower Smart-UPS or equivalent. Funds in budget for tower equipment; will be moved to tower if built. Battery back-up will reduce downtime and wear and tear on GCN equipment.		1,350.00	1,350.00
		Subtotal	
		Sales Tax (0.0%)	
		Total	

Corvid Computing

P.O. Box 281

Gustavus, AK 99826

Estimate

Date	Estimate #
2011-08-28	35

Name / Address
Gustavus Community Network City of Gustavus P.O. Box 1 Gustavus, AK 99826

Project

Description	Qty	Rate	Total
GCN Equipment, Corvid Computing: Pair of new VDSL modems for link from library to city hall. ZyXEL P871M VDSL Point-to-Point Modem 100 Mbps 1 x RJ-45 VDSL WAN will either solve recurring outages experienced on that link now, or will provide the diagnostic information needed to prove line quality is the problem (in which case trouble can be reported to ACS). Will also provide much faster connection between the facilities (up to 80 Mbps vs. current <2.3 Mbps).	2	240.00	480.00
Install and configure DSL modems, core router, and battery back-up. Covered under maintenance and operations contract.	8	0.00	0.00
		Subtotal	\$3,860.80
		Sales Tax (0.0%)	\$0.00
		Total	\$3,860.80

**City of Gustavus, Alaska
Ordinance No. FY12-06NCO**

**AN ORDINANCE FOR THE CITY OF GUSTAVUS PROVIDING FOR THE AMENDMENT OF
MARINE FACILITIES BUDGET FOR FISCAL YEAR 2012**

BE IT ENACTED BY THE GUSTAVUS CITY COUNCIL AS FOLLOWS:

Section 1. Classification. This is a **Non-Code Ordinance**

Section 2. For the Fiscal Year of 2012, estimated expenditures have changed from the estimates in the approved budget.

Section 3. For the current fiscal year the budget is amended to reflect the changed estimates as follows:

Budget Category	Original Budget	Amended Budget	Change
EXPENSE			
Supplies-General	\$ 300.00	\$ 125.00	-\$ 175.00
Payroll	\$ 150.00	\$ 325.00	+\$ 175.00

Section 4. The budget is hereby amended as indicated and any portion of the approved budget inconsistent with this amendment is repealed.

Section 5. Effective Date. This ordinance becomes effective upon its adoption by the Gustavus City Council.

DATE INTRODUCED: September 8, 2011

DATE OF PUBLIC HEARING: October 20, 2011

PASSED and APPROVED by the Gustavus City Council this 20th day of October 2011.

Jim Mackovjak
Mayor

Attest: Kapryce Manchester, CMC
City Clerk

RFQ# RM-FY12-0xSP Snow Plowing

Opening Date: September 8, 2011

Bid Opening Time: 9:00AM

Number of Bids Received: 1

Contractor Name: Glacier Bay Construction

Amount of Bid: \$21,970.⁰⁰

Contractor Name: _____

Amount of Bid: _____

Contractor Name: _____

Amount of Bid: _____

Contractor Name: _____

Amount of Bid: _____

Contractor Name: _____

Amount of Bid: _____

Signature: [Signature]

Date: 9/8/11

**City of Gustavus, Alaska
Ordinance No. FY12-04NCO**

**AN ORDINANCE FOR THE CITY OF GUSTAVUS PROVIDING FOR THE
AMENDMENT OF THE GUSTAVUS COMMUNITY NETWORK (GCN)
BUDGET FOR FISCAL YEAR 2012**

BE IT ENACTED BY THE GUSTAVUS CITY COUNCIL AS FOLLOWS:

Section 1. Classification. This is a **Non-Code Ordinance**

Section 2. For the Fiscal Year of 2012, estimated expenditures have changed from the estimates in the approved budget.

Section 3. For the current fiscal year the budget is amended to reflect the changed estimates as follows:

Budget Category	Amounts		
	Original Budget	Amended Budget	Change
INCOME			
State CIP Grant	\$0	\$235,000	+\$235,000
TOTAL INCOME	\$38,911	\$273,911	+\$235,000
EXPENSE			
Contractual Services	\$13,171	\$248,171	+\$235,000
TOTAL EXPENSE	\$38,911	\$273,911	+\$235,000

Section 4. The budget is hereby amended as indicated and any portion of the approved budget inconsistent with this amendment is repealed.

Section 5. Effective Date. This ordinance becomes effective upon its adoption by the Gustavus City Council.

DATE INTRODUCED: August 11, 2011

DATE OF PUBLIC HEARING: September 8, 2011

PASSED and APPROVED by the Gustavus City Council this 8th day of September, 2011.

Jim Mackovjak
Mayor

Attest: Kapryce Manchester, CMC
City Clerk

**City of Gustavus, Alaska
Ordinance No. FY12-05NCO**

**AN ORDINANCE FOR THE CITY OF GUSTAVUS PROVIDING FOR THE AMENDMENT OF
ROAD BUDGET FOR FISCAL YEAR 2012**

BE IT ENACTED BY THE GUSTAVUS CITY COUNCIL AS FOLLOWS:

Section 1. Classification. This is a **Non-Code Ordinance**

Section 2. For the Fiscal Year of 2012 estimated expenditures have changed from the estimates in the approved budget.

Section 3. For the current fiscal year the budget is amended to reflect the changed estimates as follows:

Budget Category	Amounts		Change
	Original Budget	Amended Budget	
INCOME			
Encumbered Comm. Funds	\$116,250.00	\$145,650.00	+29,400.00
Salmon Habitat Res. Project Income	\$ 0.00	\$ 40,000.00	+40,000.00
EXPENSE			
Salmon Habitat Res. Project Exp.	\$ 0.00	\$69,400.00	+69,400.00

Section 4. The budget is hereby amended as indicated and any portion of the approved budget inconsistent with this amendment is repealed.

Section 5. Effective Date. This ordinance becomes effective upon its adoption by the Gustavus City Council.

DATE INTRODUCED: August 18, 2011

DATE OF PUBLIC HEARING: September 8, 2011

PASSED and APPROVED by the Gustavus City Council this 8th day of September, 2011.

Jim Mackovjak
Mayor

Attest: Kapryce Manchester, CMC
City Clerk

City of Gustavus
Employee Training Report
Paul Berry, S.C., DRC Manager/ Operator

Training received: Solid Waste Association of North America (SWANA) recertification for Manager of Landfill Operations (MOLO)

Training dates: Sunday, August 21 - Tuesday, August 23rd, 2011

Training location: Gaylord Opryland Resort; Nashville, Tennessee

Report submitted: September 5, 2011

Events and opportunities also associated with this training:

WASTECON 2011 also at the Gaylord Opryland Resort, August 23rd and 24th

Site visit at Seattle Iron & Metals Corp., Seattle Washington, Friday August 26th

Site visit at International Paper, Kent Washington, Friday August 26th

Summary:

The SWANA MOLO recertification training was the heart of this training event. To maximize the value of this training I chose it specifically because it was in conjunction with WASTECON which is the 2nd largest largest trade show associated with solid waste (which includes composting and recycling) that occurs in the United States. I also wanted to create an opportunity to visit two important recycling vendors in the Seattle area that receive most of Gustavus's exported recyclables.

For many reasons, I found this training and the two site visits to be very worthwhile.

Background on SWANA training and certification:

SWANA is the leading professional association in the solid waste field. It turns out that SWANA and I are the same age, both born in 1962. Many states require SWANA certification of landfill operators as part of their regulatory compliance, however Alaska does not require this for a class 3 landfill such as ours. To become SWANA certified an operator must actively manage a landfill site, have at least 2 years experience as a landfill manager and have successfully passed a written exam administered by SWANA. Staying certified is achieved by earning 30 Continuing Education Units (CEUs) during a three year period and the easiest way to do this is to take a MOLO refresher course every three years. I first received my MOLO certification in April of 2006, this is my 2nd renewal, which should be good through April of 2015.

Alaska has an active SWANA chapter of which I am a member. The Alaska chapter of SWANA has created the RALO (Rural Alaska Landfill Operator) training program which I attended some years ago in Sitka. I believe the curriculum for the RALO course utilizes pictures of our facility that I provided.

Class summary and insights:

Instructors: Chris Campman, S.C., Rusmar Inc. & Jo-Walter Spear Jr, S.C., JSA Environmental Engineers.

Relative to the facilities that other operators represented in this class our operation is

unique in its extremely small size. For example, when the course participants introduced themselves at the beginning of the class we gave our name, who we work for, where our facility is located and how many tons per day (TPD) our facility processes. For a lot of facilities TPD is usually in the hundreds and for the large landfills it is in the thousands. For the DRC a really big day would be 2 TPD where .75 – 1.5 TPD is more typical, so I started using the term micro-landfill to describe our operation. Despite our micro size our operation is the same as a larger landfill – there is a staff, a scale house, a fee structure, an operational design, an operating permit with our state regulator ADEC, we have waste compaction (which in our case is with a compacting baler rather than the diesel powered 100,000+ pound special wheeled “compactors” that crawl over the working faces of most landfills), and we have waste segregation and screening for recyclable, hazardous or otherwise problematic wastes, just like the big guys.

The topics SWANA MOLO training specifically covered were: Solid Waste and Landfill Basics; Landfill Regulations (federal and generic state and local regulations); Landfill Location and Site Layout; Modern Landfill Design and Construction; Screening of Prohibited and Problematic Wastes; Landfill Equipment; Basic Operational Techniques 1 & 2; Leachate Management; Landfill Gas Management; Groundwater Monitoring; The Landfill Operation Plan; Communications; Bioreactor Landfills; Compliance Inspections; Safety and Contingency Countermeasures; Landfill Economics and a local landfill field trip.

While several subjects: Leachate Management, Landfill Gas Management and Bioreactor Landfills, have no real bearing on our facility because of its construction and micro size they are good to know so as to understand why landfills are constructed as they are and how the design has changed over time as the art develops.

Something that is more unique with being a micro-landfill Manager/ Operator is that I manage more than just a landfill operation, I am also a manage and operate a collection facility, a recycling facility, a composting facility, a construction/demolition (C/D) landfill and to a certain extent a household hazardous waste (HHW) facility. SWANA has separate training and certification programs for all these disciplines. While I was taking my MOLO class there was a Managing Recycling Systems class, a HHW Conditionally Exempt Small Quantity Generator (CESQG) operator class, a Managing C/D Materials class, a Managing Composting Programs class, and a Managing Transfer Station Systems class among others. I know our facility would benefit if I was to receive training in composting, recycling systems and HHW facility management. There would also be some value if I was able to tour some transfer stations as our facility seeks to improve that part of its operation. As FY13 approaches I would like to ask the Council for a greater amount of \$ in the DRC's training and travel budget than in years past so that I am able to take advantage of training, conferences and potential site visits that are out there. Such exposure would help to further improve our operation.

The highlight of the training was the tour of the Bi-County Solid Waste Management Systems landfill in Woodlawn Tennessee, about 30 minutes out of Nashville. The facility accepts about 700 TPD and is roughly the size of the Fairbanks North Star Borough Landfill. The facility just started operating a 1 Mega Watt landfill gas power generating facility and is selling power back to the power grid (landfill gas is considered a renewable energy). The landfill tours are an opportunity to see first hand the equipment, systems and techniques discussed during the class.

WASTECON 2011

I attended one of the social/ networking functions (it was a free dinner)- the first annual Celebration of Certification. I also attended the General Session: The Game Changers round-table but most of my interest in WASTCON was the trade show itself. I was able to learn about more about composting technique, training and equipment through JG Press/ BioCycle magazine's booth, US Composting Council's booth and Gore Cover Systems booth. My discussion about composting improvements led me to SSI's booth. SSI is a major manufacturer of shredders and they have demonstration videos of how their shredders are used to process food waste prior to composting. A shredder could do more than just prepare food waste for composting it could also reduce the volume of material going into our inert waste disposal pit, and help process some of our other metal, paper and plastic recyclables. I was also able to learn about eddy current sorting devices, recycling industry standards as to what the various material categories are (like "mixed paper", "mixed plastic" etc.) and to learn more about landfill related software products. I strongly believe the DRC's recycling, composting and landfiling programs would benefit from the use of a small shredder.

Friday August 26th, Seattle Vendor Meetings:

Seattle Iron & Metals Corporation (SI&M)

9 AM - 10:20 AM I met with Alan Sidell, President. We spent some time talking about our facilities. SI&M is a family run business with Alan being the 4th generation. I don't know the tonnages but I suspect they process thousands of tons per day. I think their facility is 9.5 acres - they need more room so they practice as much space efficiency as possible. Alan said this is their second location. (I think the move was ~25 years ago, I remember reading about it). The move provided them with an opportunity to install a facility wide water collection and treatment system.

When Alan gave me the tour of the yards I couldn't keep up with my camera, there is a lot going on in their 9.5 acres. The work space is divided between non-ferrous (aluminum, stainless, copper etc.) and ferrous/ iron with a unloading area for emptying barges such as the ones that Channel Construction have. The operations revolved around three large pieces of stationary equipment: the non-ferrous baler, the compacting shear and a very large shredder. Each of these large pieces of equipment was attended by either excavators with either grappling hooks or electromagnetic attachments, or by front end loaders, smaller skid steer loaders and fork lifts. SI&M's money is made in volume and in the quality of separation - basically how clean or pure a material is.

The best part of this site visit was in meeting Alan, the face behind the voice, and in seeing where our metals are processed. The DRC does pretty good with our metals recycling and the important thing is knowing when the use of additional labor to further separate a given material really increases value and when it does not. It was very interesting seeing eddy current separators, conveyor belts, shaker tables and shredders in action. If I lived in Seattle, this is where I would want to work.

International Paper (IP)

Noon - 1 PM. Met with Doug Metz, Account Manager, Tambi Solomon, Financial Specialist & Suzette Alexander Customer Service. This was the first opportunity I have had to visit a large scale plastics and paper recycling facility and from what I understand IP is the largest in the Seattle area. Again, I am not sure of their tonnages but I suspect the quantities we do in a year (~50,000 pounds) they are doing in an hour

or two. IP does the full spectrum of paper and plastic recycling from white ledger (the high end paper) to hard bound books (the low end paper). Type 1 plastic soda and water bottles (the high end plastic) to rigid plastics and mixed plastic (the low end plastic) unfortunately my camera battery died during this tour (not that I could keep up anyway). Not only was there a bewildering variety and grade of materials but the volume was also very impressive – stacks of a given baled material probably 30' feet high. Again, the profit for IP like SI&M, is to separate the material to greatest degree that is practical and to move as much material as possible.

My take home from this visit was good news/ bad news. The good news is that the DRC could be recycling a lot more plastic than it presently does. The bad news is we need to re-learn and re-configure our plastic separation categories and come up with additional storage for the new categories. I think recycling a greater amount of plastics would be a worthwhile endeavor however, because despite the recycling we have we currently landfill a lot of plastics and the less we landfill the greater lifespan of our facility. Another take home from IP was that hard bound books, which are totally recyclable, need to be separated from mixed paper (this is because they need to be shredded). The DRC is a (very) small producer of material but site visits and serious questions help let these vendors know that we mean business. With my next site visit opportunity I would like to visit Total Reclaim Inc. and EcoLights, both in the Seattle area, who process our TV's, computer monitors and fluorescent light bulbs.

Other highlights of the trip:

The Grand Ole Opry: My being in Nashville with an open Saturday evening allowed for watching the 4,468th performance of this country music hallmark. Even though I'm not a big country music fan “there's something for everybody” on this show. I had a good seat and was thoroughly entertained.

Tennessee: I've never had the opportunity to spend time in Tennessee before. The 18 minute walk between the hotel resort/ convention center was an opportunity to feel the heat. The weather was hot, from the high 60s to 70s overnight to the 90s and even over 100 during the day. The humidity, when I checked, was around low (like 34%) during the heat of the day and around 70% in the evenings.

One morning I awoke to a thunderstorm which brought a hard rains and wind – all done by the time I had to walk to class, thankfully as I didn't have an umbrella.

While riding in the bus to the Bi-County Landfill tour I was able to see some of the lush meadows and forested hillsides of that area as well.

Continuing Education Units received: 30

Expense summary:

Cost of SWANA registration	\$1,115.00
Cost of air transportation	\$1,185.31
Cost of accommodation (six nights)	\$992.00
Per diem (meals*, taxi & buses)	\$141.08
Total cost	\$3,433.39

**SWANA provided lunches and several dinners as part of training & WASTECON*