

**Alberta Coordinated Action for Recycling Enterprises  
Joint Meeting with Region 1-5  
December 1, 2017 - 10:00 a.m.  
Executive Royal Hotel, 8450 Sparrow Drive, Leduc, AB**

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**MINUTES**

**Attendance**

Dana Swigart	MD of Bonnyville
Lorna Storoschuk	Town of Bonnyville
Brad Ollen	MD of Bonnyville
Naomi Torres	Enoch Cree Nation
Pam Haggarty	FN TSAG
Aaron Campbell	FN TSAG
Hussein Elkadri	Cold Lake Recycling Centre
Lyle Hoffman	Hoffman Consulting
Glen Belozer	Leduc County
Dale McQueen	Woodland County
Chris Nielsen	DBS Environment
Glen Finstad	City of Leduc
Ray Juska	Newell Regional Solid Waste Authority
Rob Arnold	K&K Recycling Services
Nathan Taylor	Town of St. Paul
Christine Bilsky	Athabasca County
Reid Williams	Rocky Mountain Regional Solid Waste Authority
Annaliese Behrens	Alberta Environment
Tim Mahdiuk	County of St. Paul
Paul Poulin	Evergreen Regional Landfill
Kathryn Roy	GEEP Alberta
Sarah Kaut	Aquatera
Janet Altmiks	Crystal Clean Water
Art Sawatzky	Peace River Waste Management Company
Molly Fyten	Lac La Biche County
Darren Lubeck	Saddle Hills County
Jennifer Besinger	County of Grande Prairie
Roberta Windrum	Alberta Dairy Council/Western Dairy Council
Ben Armstrong	Wheatland County/Drumheller & District Solid Waste Authority
Rob Smith	Athabasca Regional Waste Management Services Commission
Linda McDonald	Alberta CARE

**Regrets**

Tracey Boutilier	RM of Wood Buffalo
Tom Moore	Westlock Regional Waste Services Commission
Elizabeth Gray	Alberta Recycling
Dick Ellis	Vulcan & District Regional Waste Commission
Pat Sliworsky	Mountain View Regional Waste Commission
Cheryl Friesen	Willow Creek Regional Waste Commission
Gary Couch	MD of Greenview
Roxi Rutt	MD of Greenview
Dennis Zahacy	High Prairie Regional Waste Commission
Erin Gallagher	Leduc County
Jodi Tomchyshyn London	Alberta Used Oil Management Association
Michelle Gairdner	City of Grande Prairie
Linda Davies	St. Michael Regional Waste Services
Roy Doonanco	Beaver Regional Waste Management Services Commission

**1. Meeting called to order/Introductions at 10:12 a.m.**

**2. Adoption of the Agenda**

**Ben Armstrong moved to accept the agenda as presented.....CARRIED**

**3. Presentation:**

- a) Annalisse Behrens, Waste Policy Advisor, Alberta Environment and Parks gave her overview of her recycling work with the department of Environment and her bio.
- b) Chris Neilson, DBS Environment presented on his AG material pilot program of collecting and processing throughout Alberta. Discussion and feedback from the attendees was well received. He has collected from North Peace Regional Landfill material that has been stored the longest and furthest from Lethbridge to test the material and the associated costs. Chris has shipped grain bags to Merlin Plastics and the cost was \$186.00 a ton and Merlin has offered \$100.00 a ton. Plastic markets are horribly down due to the economy. The concern is rocks and canola seeds tearing the bags. Chris is looking at shred and wash and grind to granules. Chris suggested that municipalities could have plastic fence posts and other forms of plastic wood made from these plastics. Wheatland County has the Cadillac version of rolling this material. There will be a demo at the Spring Seminar in Brooks by Wheatland County. Heritage Park used the plastic wood for their board walk with 2x6 boards. Saskatchewan is only doing grain bags.

**4. New Members**

First Nations Technical Services Advisory Group (T-SAG), Seven Lakes Oilfield Services Corp., Geocycle Canada Inc., Saddle Hills County, Tecnotrash Alberta Ltd., Sychor Recycling Inc., Exshaw Cement Plant.

**5. Old Business**

- a) Alberta CARE - Education Committee - Rob Smith reported that the core courses were purchased from the Edmonton Waste Management Centre of Excellence in April/2017. The mission of these courses are to include other courses such as from SWANA to develop a "Certificate Program in Waste Management". Alberta CARE has held a Transfer Station course in the County of St. Paul with 26 attending, Composting course held in County of Grande Prairie with 12 attending, and a HHW Course held in Wheatland County with 12 attending. Alberta CARE courses are CEU approved. Pam Haggerty reported that TSAG has been around for the past 30 years, and deals with housing, public works, fire protection and waste. They will be moving to transfer stations. As of Jan 1st, 2018, the Federal government has funded 4.9 million dollars.
- b) The Alberta CARE Conference in September, 2017 was very successful with 156 attending. Several emails were received as to the informative speakers and good tours with the exception of the Airport tour, which was disappointing.

**Art Sawatzky moved to accept items 5(a) to 5(b) as information.....CARRIED**

**6. New Business**

- a) Letter sent to the Minister of Environment from Alberta CARE
- b) Letter received from Alberta Used Oil Management Association - Sept 30, 2017
- c) Letter sent to the Minister of Environment from Alberta CARE - Discussion regarding the lack of response from the new government to the letters sent to them. Art Sawatzky reported that Tom Moore from Westlock Regional Waste Commission had an interview with the local paper regarding used oil and it was published in the local paper and AUMA had seen it. Dana Swigart suggested the Premier receive a copy of letters sent to the Minister of Environment.

Paul Ryan said that Alberta CARE is not the only organization and its members to not have follow up from the new government. Rob Smith suggested that AUMA have copies of the letters sent to the Minister from Alberta CARE. All agreed. Glen Finstad reported that he will be going back to council to ask for a formal letter of support for regulation changes to the used oil program paint, and electronics Phase II. More discussion followed.

**Paul Ryan moved to have Alberta CARE send out a formal letter of request to all of Alberta CARE municipal Councils asking for two motions of Council to support changes to the regulations for used oil, paint and the phase II electronics program.....CARRIED**

- d) Alberta CARE Spring Seminar 2018' - Brooks, Alberta - first edition of brochure handed out, waiting for a few confirmations regarding speakers.
- e) Freon Removal Courses held in Grande Prairie with 12 attending and in Crowsnest/Pincher Creek with 10 attending.

**Jennifer Besinger moved to accept items 6(a)6(b)6(d)6(e) as information.....CARRIED**

### **7. Other New Business**

- a) Car Wash Sump Wastes - Art Sawatzky reported acceptable practices for car wash sump wastes and the difference between these wastes and vac wastes. Discussion included the issues of health and the environmental impact, along with infrastructure for landfills. The contamination is in the liquid, when dried or separated, the solids can be used as cover for landfills or into the soils. Ray Juska reported that they are not suppose to take it because it is liquid, landfills are for solid waste. Sarah Kaut reported that Aquatera takes it and wind rows it until it dries, but the drying is a lengthy process, requiring a good full season and then to see if it passes analytically.
- b) Mattress Recycling Safe Handling Procedures - Art Sawatzky reported that a king size mattress was stuck in the compactor and created a very expensive expenditure to remove it. It was decided to begin recycling mattresses. He received information on handling from two other members, Bow Valley Waste Management Commission and Evergreen Recycling. (copies of those attached). He is dealing with Redemption Services in Edmonton for recycling. They charge \$15.00 per mattress. It cost \$800.00 for a 40 foot van that holds 100 mattresses. This way the mattresses are kept dry. Linda McDonald reported that she has talked to Redemption regarding round ups for mattresses. Paul Ryan reported that Bow Valley takes specific precaution with mattresses. Peter Duck suits up with CSI suits with duck tape on wrists and ankles/boots for protection. They had an employee in the hospital, who developed a case of a rash on the side of his face when handling the mattresses unprotected. The Town of Banff used a graft on a bobcat and in that way no one touches the mattress and it goes directly into the container. Rob Smith noted that OH&S has not developed regulations and needs to catch up. Pam Haggerty reported that the steel in the mattresses is at a premium.

**Ray Juska moved to accept items 7(a)(b) as information.....CARRIED**

### **8. Information**

- a) Alberta CARE Meeting Minutes - Regions 1-5 - December 2, 2016
- b) Alberta CARE Meeting Minutes - Region 1
- c) Alberta CARE Meeting Minutes - Region 2&3
- d) Alberta CARE Meeting Minutes - Region 4&5 (amended)

**Paul Ryan moved to accept items 8(a) to 8(d) as information.....CARRIED**

## 9. Round Table

**Art Sawatzky** reported that they are looking into grinding shingles. As of October/2017, they had 14 tons of shingles. Sycor Recycling does the grinding. They are looking at renting a crusher. Linda McDonald will send him a contact for renting a crusher. Art reported that they have completed 5 new industrial cells.

**Sarah Kaut** reported that Annette Hunter has left Aquatera and the new manager of the landfill has been with Aquatera for the past 20 years with the waste water plant.

**Katherine Roy** reported that Frank Bryne has left GEEP Calgary and anyone can contact Ian Bone of operations until the position is filled.

**Tim Mahdiuk** reported that they are looking for more money from Council to increase recycling at the transfer stations. They want to do a survey to the public to see what they would like to see at the transfer stations. They have a small branch mulch pile.

**Janet Altmiks** reported that she is still looking for someone to recycle the big water bottles. She has approximately 100 bottles.

**Ray Juska** reported that they attempted to crush concrete and mix it in the gravel onto roads and it didn't work. So they used Drumheller's example of mixing crushed concrete into the asphalt for the roads and it worked.

**Glenn Belozer** reported that Leduc County puts crushed concrete as the road base and then gravel and then top with fine gravel and it works. Glenn reported that they had a meeting with Genesis Power Plant and they are looking into alternative energy using tree bark or solid waste. This is an early experiment to make power from it. They will be adding moisture to expand the material and then it will dry better. He is currently in budget meetings for the County.

**Dale McQueen** reported that they have hired a new landfill manager. Their collection of waste is down due to the economy and is down by 15,000 tons from last year. They bought a new compactor, which cost \$675,000.00. Their used one is for sale if anyone is interested. They are putting out tanks for used oil.

**Lyle Hoffman** reported that he is still working for the MD of Bonnyville.

**Hussein Elkadri** reported that he collects recycling materials from the MD of Bonnyville and the City of Cold Lake.

**Brad Ollen** reported that an RFP was sent out for an expansion for one site. They have 5 landfills and 2 transfer stations. They started to collect mattresses June 1, 2017. Four hundred mattresses were sent to REMATT in Calgary. They will now be dealing with Redemption in the City of Edmonton. The collection of mattresses are down by 50%. Redemption charges \$15.00 per mattress. They don't send many box springs. They have 4 sea cans for the mattresses which they own and contract out the hauling. They have another tire marshalling site at one of the transfer stations and they used the ARMA grant for it.

**Lorna Storoschuk** reported that she is getting up speed and the information shared today is really good. Lorna was formally Northern CARE's Chairperson.

**Dana Swigert** reported that the outdated information on Alberta CARE's website is creating a problem for the MD of Bonnyville.

**Linda McDonald** reported that the outdated information is off the Alberta CARE's website and has been a thorn in the side of many IT people to get it removed, but it was accomplished by new encrypted applications to unencrypted and delete.

**Rob Arnold** reported that K&K Recycling are doing 7 site cleanups for metal. Metal markets are still slack since 2014. Crews are in Athabasca, Red Deer County, Bluffon and Parkland County. They are predicting that in the month of December/17, metal markets will go up due to some demand. Currently, prices for metal are one third of what they were in 2014.

**Paul Ryan** reported that they requested a tire grant from ARMA to build a tire marshalling area and were told that they couldn't charge for tires. So they decided to not apply for the grant and build their own tire marshalling area with their own funds, but ARMA allowed the grant and said they could charge for tires. Paul reported that they replaced their scale house because of a fire, which is quite common, several scale houses have been burnt down. They built this scale house all in steel. They have a 500 BTU Bio Mass Burner for white wood that heats the administration building and maintenance shop, but because we are burning waste there is a problem which would require Alberta Environment approval for a permit. Remember this is like a wood stove. They will continue burning. Solar panels are installed on the administration building to provide 2x the amount of electricity needed to power all buildings on site. They are generating 8 Kilowatts into the system. The kilowatts can be monitored daily and they are get as high as 15 kilowatts, and has the capacity for 30 kilowatts, which would provide energy for the administration building and the maintenance building. The investment is based on 16 years on 30 kilowatts. They have the ability to go off the grid. Pay back can be done in 5 years. More information is on the website regarding the solar panels.

**Ben Armstrong** is the Chairman of SAEWA and Paul Ryan is Vice Chairman. The engineering is almost done for a cost of \$375,000.00, which should be completed in January or February, 2018. Then this report will go before Alberta Environment. The Green House Gas reduction will be 150,000 tonnes a year. This project's investment is 1.5 million dollars and has been the largest collaboration in Alberta. The new government won't meet with them, but the government is not meeting with anyone. Their AGM will decide whether to continue.

**Rob Smith** reported that they bale styrofoam and ship it to Capital paper and the drywall is shipped to Edmonton. They are looking into grinding shingles and recycling mattresses this coming year. Athabasca has a new pool and new school and are dealing with the diversion of waste. Rob is looking into concrete crushing to derive additional revenue and selling it for \$25.00 a metric tonne, and the cost works out to \$7.00 a tonne. Our class II landfill is good for 100 years of life and their Class III is good for 100 years of life.

**Ben Armstrong** reported that they are doing budgeting. They have a decrease in income due to the economy and it's been a tough process for budgeting. There is a private composting company in Wheatland County doing composting that is causing issues. They are working within a development permit that is under the jurisdiction of Alberta Environment. Wheatland County has had numerous complaints as to the state of the compost and the contamination in it. There have been up to 30 people in the Council chambers complaining. If this was a municipal project, Alberta Environment would be fining the County.

**Roberta Windrum** reported that the Alberta Dairy Council will be incorporated federally to include Manitoba, Saskatchewan, and Alberta. The transition will be in the next 6 months, transferring assets, etc.

**Jennifer Besinger** reported that they need to install a higher litter fence. They have installed a new well. They have a new storage building. They are rolling out a curb side pickup. The County is in the market for an incinerator for road kill.

**Darren Lubiak** reported that Saddle Hills is just starting their own landfill and should be ready in 2019. Looking at road building, waste water plants, leachate collection and plastic to nuggets.

**Molly Fyten** reported that she is the new Environment Manager taking over from Tom Kinderwater. There are a few department managers that have left, so she is currently wearing a few hats until those vacancies are filled. The budget process has been completed and has a long list of capital items. They need larger and higher wind fences. They are considering mini transfer sites and then they would haul to the transfer stations.

Lac La Biche County has all new elected councilors except for the Mayor. They are in the process of closing a landfill permanently. This landfill was inherited from the Town of Lac La Biche before it was incorporated into the Lac La Biche County. Molly will let us know what the post closure costs will be.

**Glen Finstad** reported that he is the new elected Chairman of the Capital Region Waste Management Advisory Committee (CRWMAC). They are reviewing requests for funding from Alberta Environment to study green house gas and solar credits for municipalities. They are looking at designing a new way to sort wet and dry waste. The City and waste management reps will be going to view a Stryo-Go demo in Sherwood Park.

**Sarah Kaut** reported that she has seen the operation. They back up a cube van to the sea can and it melts the styrofoam and turns out turd- like formations and you almost have an empty sea can.

**10. Adjournment - 12:25 p.m.**