

## Field Trip 1: City of Calgary Waste & Recycling Services

Please meet in the lobby of the Fairmont Banff Springs Hotel at 8:00am. The bus will depart at 8:15 am sharp but all times listed below are approximate (please check out of your room and bring your luggage if you plan to get dropped off at the airport).

**10:00am – 11:30am** This tour departs Banff at 8:00 am and begins with a stop at the Calgary Composting Facility - which is the largest of its kind in Canada. The facility is owned by The City of Calgary and operated by AIM Environmental Group. The facility produces high quality compost from both food and yard waste collected from the green cart program and dewatered biosolids (a nutrient-rich by-product from wastewater treatment). Three buildings make up the composting facility - main building, curing building and storage building. Together, the facility is 521,000 square feet. The facility will process upwards of 145,500 metric tons of residential food and yard waste and dewatered biosolids every year.

**11:30am – 12:00pm** The Shepard Solar project includes 2,700 solar panels, rated at 400W to produce electricity that directly feeds into Calgary's composting facility. This is a new addition to Calgary's fleet of solar power plants and the Shepard Solar Park produces enough electricity to power over 185 average Calgary homes, while generating over 800 tonnes of greenhouse gas emissions reductions a year. The City is currently adding 8,250 solar panels to the area and will soon be generating 4.4 MW.

**12:30pm – 2:00pm** Lunch provided at Ralph Klein Park

This is a 30 hectares wetland park in the City of Calgary. It is named after former premier of Alberta and mayor of Calgary Ralph Klein. Construction started in 2009, and the park was opened to the public on June 18, 2011. The site includes learning gardens, interpretive trails, wetland viewing areas, study stations and an environmental education centre (which includes classrooms and meeting rooms). For more information on this facility follow this link:

<https://www.calgary.ca/CSPS/Parks/Pages/Locations/SE-parks/Ralph-Klein-Park.aspx>

**2:30pm – 3:30pm** Shepard Waste Management Facility which will include viewing of the Throw & Go area, the active workface, industrial waste area and the landfill gas collection system. This facility is a 'residential only' site servicing communities in the SE and SW areas of Calgary.

Bus leaves Shepard and arrives at the Calgary International Airport at ~4:00pm and returns to Banff at ~6:00pm.