

Document	Objective	Commitments	Frequency	Status
Short Term Sampling and Monitoring Plan	Implement 2013 monitoring program (i.e. Short-term Sampling and Monitoring Plan)	Data Sonde Monitoring	Every 15 minutes at near-field sites only	Immediate program complete; short term program ongoing through 2014, until Long Term plan is approved.
		Water Quality Sampling	weekly at near-field, monthly at far-field	
		Sediment Quality Sampling	monthly from all established depositional areas	
		Water Sediment Toxicity	Once in Mar, June, and Sept. at near-field sites only	
		Benthic Invertebrate Sampling	Once in Mar. and Sept. (furthest far-field sites are omitted)	
		Fish and Fish Habitat	Once in Mar, July, and Sept. (furthest far-field sites are omitted)	
		Mapping exercise to determine sampling locations	November 13	
		Periphyton Sampling	Once early spring and fall	
			Fish sampling and monitoring data	Fall 2014
Solids Recovery Plan	Protect Plante Creek and Athabasca by reducing chance of solid transport into Apetowun Creek and sediment transport from 2014 spring melt.	Removal of solids from zone 1	February - April	Complete
		Remove solids from zones 2 and 3 (by hand) if discovered	N/A	Complete
		Removal of solids at confluence of Plante Creek and Athabasca River	November 2013	Complete
		Stabilize solids using fencing, bales, bags, nets, and/or flocculent	April-August	Complete
		Develop fisheries protection plans to be implemented during in-stream work	prior to start of work	Complete
		Design and construct three (3) sediment traps in Apetowun Creek	February 2014	Complete
		Inspect sediment traps and remove sediment, as is required and record values.	Weekly (until freeze-up)	Ongoing
		Perform annual assessment on sediment traps	Annual	Ongoing
		Remove debris, log jams, construct access roads	February	Complete
		Prepare erosion control plan for all proposed works	February	Complete
Deposit materials per Waste Management Plan	Ongoing	Ongoing		
Long Term Sampling and Monitoring Plan	Provision of long term data collection necessary for Impact Assessment Plan. Intended to sequentially follow the approved "Immediate and Short-Term Sampling and Monitoring Plan".	Environmental monitors on-site to record and map all field activities	Started in February - ongoing	Ongoing
		Data Sonde Monitoring	Every 15 minutes at near-field sites only	Program is approved and requirements have been started: Note: this program overlapped with Short Term Sampling and Monitoring Program
		Water Quality Sampling	weekly at near-field, monthly at far-field	
		Sediment Quality Sampling	monthly from all established depositional areas	
		Water Sediment Toxicity	Once in Mar, June, and Sept. at near-field sites only	
		Benthic Invertebrate Sampling	Once in Mar. and Sept. (furthest far-field sites are omitted)	
		Fish and Fish Habitat	Once in Mar, July, and Sept. (furthest far-field sites are omitted)	
		Periphyton Sampling	March -June	
		Soil/terrain monitoring requirements upon completion of "Solid Recovery Plan" and "Impact Assessment Plan"	TBD	
Annual summer vegetation surveys	Annually. Sites determined in June . Vegetation assessment to occur in August.	Complete		
Impact Assessment Plan	Provides assessment methodology to provide full horizontal and vertical delineation of the adverse impacts to all effected waterbodies and associated terrestrial habitats. The results of assessments performed under this plan feed in the "Impact Report".	Terrestrial/Wildlife monitoring upon completion of the "Impact Assessment Plan"	TBD	TBD
		Identification of Pre-Incident Conditions for Aquatic and Terrestrial Resources	Once	Ongoing
		Acquisition of all applicable historic aquatic resource data collected.	Ongoing	Ongoing
		Water and Sediment Source Characterization	Ongoing	Ongoing
		Aquatic Resource Assessment using Information from "Long Term Monitoring and Sampling Program"	Ongoing	Ongoing
		Soil Quality Assessment	February - March	Data Collection Complete
		Soil and Terrain Field Studies	March - June	Data Collection Complete
		Detailed Field Survey and Sampling	June	Data Collection Complete
		Prediction of Impact to Soils	Ongoing	In Progress
		Detailed Vegetation Surveys	Ongoing – August 2014	Data Collection Complete
		Prediction of Impact to Vegetation	Ongoing	In Progress
		Biophysical Assessment and Background Soil Sampling Program	November 2013 to present	In Progress
		Wildlife habitat mapping and camera monitoring	November 2013 to present	In Progress
Identification of potential wildlife impacts	November 2013 to present	In Progress		