



THE CITY OF DAWSON

COUNCIL MEETING #C19-24

AGENDA

WEDNESDAY, DECEMBER 4, 2019

7:00 p.m.

Council Chambers, City of Dawson Office

- 1. CALL TO ORDER**
- 2. ADOPTION OF THE AGENDA**
 - a) Council Meeting Agenda #C19-24
- 3. PUBLIC HEARING**
- 4. DELEGATIONS AND GUESTS**
- 5. BUSINESS ARISING FROM DELEGATIONS**
- 6. ADOPTION OF THE MINUTES**
- 7. BUSINESS ARISING FROM MINUTES**
- 8. FINANCIAL AND BUDGET REPORTS**
 - a) 2019 Accounts Payable Report #19-23 RE: Cheques #54495 – 54501
 - b) 2019 Accounts Payable Report #19-24 RE: Cheques #54502 – 54546
 - c) 2020 Provisional Budget
- 9. SPECIAL MEETING, COMMITTEE, AND DEPARTMENTAL REPORTS**
 - a) Information Report RE: Quigley Landfill Protocol 13 and Adaptive Management Planning
- 10. BYLAWS AND POLICIES**
 - a) *Official Community Plan Amendment No. 3 Bylaw #2019-16 – First Reading*
 - b) *Zoning Amendment No. 6 Bylaw #2019-17 – First Reading*
- 11. CORRESPONDENCE**
- 12. PUBLIC QUESTIONS**
- 13. INCAMERA**
- 14. ADJOURNMENT**

The City of Dawson
 Cheque Run 19-23
 15/11/2019

Cheque Numl	Vendor Name	Cheque Amount	Detail	Description
54495	VOID			Misprints with Brett from Diamond
54496	VOID			Misprints with Brett from Diamond
54497	VOID			Misprints with Brett from Diamond
54498	Arctic Inland Resources Ltd.	\$388.50	\$388.50	AIR 1911-013401
54499	North 60 Petro	\$18,438.44	\$1,224.56	Vehicle Fuel-All Depts
			\$17,213.88	Bldg Htg Fuel
			\$18,826.94	
54500	Northern Superior Mechanical	\$223.52	\$88.19	SafetySupp
			\$135.33	SafetySupp
			\$223.52	
54501	Shanti Yoga Yukon	\$4,650.43	\$4,650.43	REC Yoga Prog
		\$23,700.89		

The City of Dawson
Cheque Run 19-24
26/11/2019

Cheque Number	Vendor Name	Cheque Amount	Detail	Description
54502	Advance North Mechanical	\$350.78	\$170.63	PS Tow-EurekaDr
			\$180.15	VehR&M Bylaw
			\$350.78	
54503	Arctic Inland Resources Ltd.	\$757.81	\$218.82	AIR 1910-012790 REC-Wood
			\$294.62	AIR 1910-013187 -
			\$84.88	AIR 1910-013033 - paint
			\$79.21	AIR 1910-013062
			\$80.28	AIR 1910-012709
			\$757.81	
54504	Bonanza Market	\$558.27	\$506.28	BoMkt-OpenHseFH
			\$5.09	BonMkt-OffSupp 246344
			\$46.90	BonMkt 248170 - supplies
			\$558.27	
54505	Brenntag Canada Inc.	\$738.19	\$738.19	Chemicals
54506	Bureau Veritas	\$350.08	\$175.04	Water Sampling
			\$175.04	Water Sampling
			\$350.08	
54507	Canadian Freightways	\$2,514.45	\$1,095.26	Freight Chemicals
			\$1,419.19	Freight Chemicals
			\$2,514.45	
54508	Chief Isaac Incorporated	\$298.99	\$298.99	Janitorial
54509	Chief Isaac Mechanical	\$1,455.13	\$952.70	CIM 3632 HvyEquipR&M
			\$502.43	CIM HvyEquipR&M 3599
			\$1,455.13	
54510	Conservation Klondike Society	\$1,860.00		Seasonal Bin Rental
54511	Davis, Kirsten	\$277.05		TrvlReimb Davis-K
54512	Dawson City General Store	\$509.94	\$71.96	GenStore 896660
			\$67.35	DCGenSt 898911
			\$44.72	GenSt-Food 890608
			\$63.61	GenSt-Food 892427
			\$25.89	GenSt-Food 183134
			\$190.02	GenSt-180080 REC
			\$10.50	GenSt 879260
			\$35.89	GenSt 895407
			\$509.94	
54513	Dawson Hardware Ltd	\$1,837.31	\$101.31	ADM - OpSupplies
			\$803.07	REC - Op&ProgSupplies
			\$932.93	PW - OpSupplies
			\$1,837.31	
54514	Dekra-Lite	\$1,048.44		REC-Lights
54515	Diamond Municipal Solutions	\$15,309.50	\$8,052.34	OnsiteTraining Travel&Accom & Perdiem 257684
			\$7,257.16	DMSftware- Onsite - Training 259118
			\$15,309.50	
54516	Gammie Trucking Ltd.	\$291.38		GammieTr 11860 Haul Svs
54517	Grenon Enterprises Ltd.	\$21,375.40	\$275.63	GEL 18001 ContSvs
			\$7,985.27	GEL-WtrDel 18181
			\$5,250.00	GEL-TrailWk 17999R
			\$7,864.50	GEL-TrailWk 17999R
			\$21,375.40	
54518	Kehoe, Jennifer	\$1,338.75	\$1,338.75	REC-FitnInstr Kehoe
54519	King, Amanda	\$111.25		Reimb-AKing
54520	Klondike Business Solutions	\$84.74		KBS Photocopier
54521	Lawson Lundell LLP	\$3,271.38	\$2,933.28	LLLLP Legal 668014
			\$338.10	LLLLP Legal 667998
			\$3,271.38	

54522	Masserey & Walus	\$1,288.10	\$1,288.10	SafeSupp- Commercial Scene Lighting
54523	Kim A McMynn Ind Accounting Contrac	\$9,043.65		ProFees-Kim
54524	Neutron Factory Works	\$275.63		Neutron 20163 HvyEquipR&M
54525	Nordique Fire Protection	\$1,470.00		NordFirePro 1819556
54526	Northern Industrial Sales	\$146.14	\$71.40	NIS 12667457-00 OpSupp
			\$26.75	NIS 12652249-00
			\$47.99	NIS 12635725-00
			\$146.14	
54527	Northern Superior Mechanical	\$29.28		NSM VehR&M 652-306277
54528	Northwestel Inc	\$5,138.29		NTel Phone 21479669
54529	Pacific Northwest Moving	\$84.19		PNW Freight-REC WHO2153306
54530	Ramtech Environmental Products	\$939.35		Pumphouse R &M
54531	Raven's Nook	\$600.95	\$308.00	RavNk-SafetyGear 3065
			\$292.95	RavNk-SafetyGear 3042
			\$600.95	
54532	Robert Service School	\$97.85		BrokenEquip@RSS
54533	Stantec Architecture Ltd.	\$5,155.12		Rec - Pre-planning feasibility
54534	Suncorp Valuations Ltd	\$606.69		Asset Valuation
54535	Suttis, Jennifer	\$375.00		REC-Instructor
54536	Swyrich Corporation	\$1,354.50		CofD Swag 23952
54537	Jordan, Milo	\$40.00		Fob Return
54538	Trillium Sales Group Inc.	\$588.00		FDPromo-Trilium 123775
54539	Trinus Technologies Inc.	\$951.57	\$532.88	IT R&M P568-26058
			\$266.44	IT R&M
			\$152.25	Trinus P568-26093 IT
			\$951.57	
54540	Ultimate Construction Inc.	\$6,127.81	\$2,754.68	UltimateConstr PH19-0633 #1 CBCBldg
54540	Ultimate Construction Inc.	\$6,127.81	\$3,373.13	UltimateConstr PH19-0634 #2 CBCBldg
			\$6,127.81	
54541	White Ice (1995) Ltd.	\$3,787.62	\$1,178.05	ArenaSupp 21844
			\$2,609.57	ArenaSupp 21844
			\$3,787.62	
54542	Winston, Debbie	\$60.00		PS-SewSvs
54543	Yukon College	\$3,118.50		YC-AirBrakes-FD-S0086717
54544	Yukon Energy Corporation	\$24,692.63	\$2,710.66	YKN NRGY NOV12 LTS
			\$21,981.97	YKN NRGY Nov18
			\$24,692.63	
54545	Air North	\$245.74	\$74.12	ANP F00906485 H2OSamps
			\$85.81	ANP F00904676 H2OSamps
			\$85.81	ANP F00910011 H2OSamps
			\$245.74	
54546	Yukon Government - Land Titles	\$200.00		YGLdTitles-PrePaid Expense
		\$126,883.26		

2020 Provisional Budget

Provisional Budget
2020

REVENUE:		
	General Municipality:	
	General Taxation	2,436,735
	Grants in Lieu of Taxes	608,311
	Grants	2,391,858
	Penalties and Interest	30,750
	Other Revenue	17,200
	Sale of Services	66,800
	Total General Municipality:	
		5,551,654
	Cable	
		269,700
	Protective Services:	
	Fire Protection	80,329
	Emergency Measures	
	Bylaw Enforcement	4,000
	Total Protective Services:	
		84,329
	Public Works:	
	Water Service	803,000
	Sewer Service	640,500
	Waste Management	315,000
	Other Revenue	155,035
	Total Public Works:	
		1,913,535
	Public Health - Cemetery	
		3,000
	Planning	
		72,810
	Recreation:	
	Recreation Common	34,868
	Programming & Events	60,900
	AMFRC	54,000
	Water Front	47,000
	Pool	23,950
	Green Space	23,500
	Total Recreation:	
		244,218
TOTAL REVENUE:		
		8,139,246

2020 Provisional Budget

EXPENDITURES:

General Municipality:		
	Mayor and Council	154,385
	Elections/Referendums	-
	Grants/Subsidies	160,690
	Administration	1,187,982
	Other Property Expenses	34,632
	Municipal Safety Program	14,266
Total General Municipality:		1,551,954
Special Projects/Events		20,000
Cable		252,741
Protective Services:		
	Fire Protection	429,910
	Emergency Measures	30,125
	Bylaw Enforcement	124,000
Total Protective Services:		584,036
Public Works:		
	Common	305,710
	Roads and Streets - Summer	158,625
	Roads and Streets - Winter	261,050
	Sidewalks	66,300
	Dock	20,750
	Surface Drainage	92,800
	Water Services	1,221,150
	Sewer Services	296,450
	Waste Water Treatment Plant	220,000
	Waste Management	430,350
	Other	472,630
Total Public Works:		3,545,815
Public Health - Cemetery		15,000
Planning		327,286
Recreation:		
	Recreation Common	391,568
	Programming & Events	284,050
	AMFRC	496,500
	Water Front	111,250
	Pool	252,700
	Green Space	281,300
Total Recreation:		1,817,368
TOTAL EXPENDITURES:		8,114,200
NET OPERATING SURPLUS BEFORE RESERVE TRANSFER		
NET SURPLUS/DEFICIT		25,046

Provisional Budget 2020

GENERAL MUNICIPAL

		Provisional 2020
	GENERAL MUNICIPAL REVENUES	
	REVENUES: GENERAL TAXATION	
10-100-010-40110	Property Taxes - Residential	1,329,365
10-100-010-40115	Property Taxes - Non-Residential	1,107,370
	TOTAL GENERAL TAXATION REVENUE	2,436,735
	REVENUES: GRANTS IN LIEU OF TAXES	
10-100-015-40130	Federal Grants in Lieu - Residential	27,663
10-100-015-40135	Territorial Grants in Lieu - Residential	10,921
10-100-015-40140	Federal Grants in Lieu - Non-Residential	159,215
10-100-015-40145	Territorial Grants in Lieu - Non-Residential	410,511
10-100-015-40150	Tr'ondek Hwech'in Grants In Lieu *included in general taxation for provisional budget	
	TOTAL GRANTS IN LIEU REVENUES	608,311
	REVENUES: GRANTS	
10-100-020-40210	Comprehensive Municipal Grant	2,387,858
10-100-020-40215	Gas Tax for Non Capital Projects	
10-100-020-40225	Community Trust Training Grant	4,000
	TOTAL GRANT REVENUES	2,391,858
	REVENUES: PENALTIES & INTEREST	
10-100-025-40310	Penalties & Interest - Property Taxes	20,000
10-100-025-40315	Penalties & Interest - Water & Sewer	10,000
10-100-025-40318	Administration Fee - Tax Liens	750
	TOTAL PENALTIES & INTEREST REVENUE	30,750
	REVENUE: OTHER REVENUE	
10-100-030-40425	Bank Interest	-
10-100-030-40430	NSF Charges	-
10-100-030-40435	Interest on Investments	37,000
10-100-030-40440	Less Interest Transferred to Reserves	(23,000)
10-100-030-40445	Gain on Sale of Property	-
10-100-030-40450	Bad Debt Recovery	1,000
10-100-030-40455	Miscellaneous Revenue	2,200
10-100-030-40465	WCB Choice Reward Program	-
	TOTAL OTHER REVENUE:	17,200
	REVENUE: SALE OF SERVICES	
10-100-035-40510	Business Licence	35,000
10-100-035-40515	Intermunicipal Business Licence	1,000
10-100-035-40520	Certificate and Searches	1,800
	Postage and photocopies	-
10-100-035-40530	Building Lease/Rental Income	28,000
10-100-035-40535	Street Vendor Sales	1,000
10-100-035-40540	Miscellaneous Income	-
	TOTAL SALE OF SERVICES REVENUE	66,800
	TOTAL GENERAL MUNICIPAL REVENUE	5,551,654

Provisional Budget 2020

	GENERAL MUNICIPAL EXPENDITURES	
	EXPENDITURES: MAYOR AND COUNCIL	
10-100-110-60010	Wages & Honoraria - Mayor/Council	56,000
10-100-110-60015	Benefits - Mayor/Council	1,500
10-100-110-60020	Employee Wages - Council Services Admin.	29,000
10-100-110-60025	Employee Benefits - Council Services Admin.	2,500
10-100-110-60510	Professional Fees	-
10-100-110-60610	Membership/Conference Fees	28,000
10-100-110-60650	Training - Mayor and Council	1,500
10-100-110-60660	Travel - Accomodation and Meals	9,500
10-100-110-60665	Travel - Transportation	8,500
10-100-110-61110	Advertising	500
10-100-110-61150	Hospitality	6,000
10-100-110-62700	Supplies - Office	2,500
10-100-110-62750	Non Capital Equipment/Office Furniture	6,000
10-100-110-62770	Photocopier Expense	500
10-100-110-65550	Insurance	160
10-100-110-65560	Janitorial	1,450
10-100-110-65590	Telephone	775
	TOTAL MAYOR AND COUNCIL EXPENSES	154,385
	EXPENDITURES: ELECTIONS/REFERENDUMS	
10-100-115-60040	Honoraria - Election	-
10-100-115-60650	Training	
10-100-115-60660	Travel - Accomodation and Meals	
10-100-115-60665	Travel - Transportation	
10-100-115-61110	Advertising	-
10-100-115-62700	Supplies	
10-100-115-65200	Building Rental	
	TOTAL ELECTIONS/REFERENDUMS EXPENSES	-
	EXPENDITURES: GRANTS/SUBSIDY	
10-100-120-72010	Homeowner Senior Tax Grants	24,000
10-100-120-72011	Development Incentive Grant	10,123
10-100-120-72015	Heritage Grant	5,000
10-100-120-72025	Water and Sewer - Senior Discount	50,500
10-100-120-72030	Community Grants	30,000
10-100-120-72035	KDO Funding/Dawson Ski Hill Grants	41,067
	TOTAL GRANTS/SUBSIDY EXPENSES	160,690

Provisional Budget 2020

	EXPENDITURES: ADMINISTRATION	
10-100-150-60010	Wages - Administration	496,268
10-100-150-60015	Benefits - Administration	104,390
10-100-150-60510	Professional Fees	86,000
10-100-150-60515	Audit	30,500
10-100-150-60520	Legal	150,000
10-100-150-60525	Human Resource	10,000
10-100-150-60610	Membership/Conference	2,500
10-100-150-60650	Training	25,000
10-100-150-60660	Travel - Accomodation and Meals	8,000
10-100-150-60665	Travel - Transportation	10,000
10-100-150-61110	Advertising	11,000
10-100-150-61115	Promotional Material/Hosting Events	3,000
10-100-150-61120	Subscriptions & Publications	2,000
10-100-150-62100	Postage	4,600
10-100-150-62110	Freight	2,000
10-100-150-62500	Computer Network Charge	36,000
10-100-150-62700	Supplies - Office	9,000
10-100-150-62750	Non Capital Equipment	6,000
10-100-150-62770	Photocopier Expense	2,535
10-100-150-65100	Building Repairs and Maintenance	50,000
10-100-150-65500	Electrical	11,000
10-100-150-65520	Heating	20,300
10-100-150-65550	Insurance	42,000
10-100-150-65560	Janitorial - City Hall	3,077
10-100-150-65590	Telephone and Fax	15,210
10-100-150-67000	Bank Charges	2,500
10-100-150-67005	Payroll Fees	3,500
10-100-150-67080	Bad Debt Expense	2,500
10-100-150-67090	Cash Over/Short	200
10-100-150-70000	Contracted Services	2,000
10-100-150-71010	Misc. Expense	-
10-100-150-72050	Assessment Fees	36,700
10-100-150-72055	Tax Liens/Title Searches	203
10-100-150-72065	Intermunicipal Business Licence	-
10-100-150-78100	Vehicle Fuel	-
10-100-150-78110	Vehicle Repair and Maintenance	-
	TOTAL ADMINISTRATION EXPENSES	1,187,982
	EXPENDITURES: OTHER PROPERTY EXPENSES	
10-100-155-65400	Utility - 8th Ave Residence	3,000
10-100-155-65405	Heating - 8th Residence	3,500
10-100-155-65410	Repairs and Maintenance - 8th Residence	10,000
10-100-155-65420	Utility - 6th Ave. Rental	972
10-100-155-65425	Heating - 6th Ave. Rental	2,500
10-100-155-65430	Repairs and Maintenance - 6th Ave. Rental	8,000
10-100-155-65490	Land Lease /property taxes	4,840
10-100-155-65495	Land Lease	1,820
	TOTAL OTHER PROPERTY EXPENSES	34,632

Provisional Budget 2020

	EXPENDITURES: COMPUTER INFORMATION SYSTEMS	
10-100-160-81000	Accounting System Support Plan	19,000
10-100-160-81010	Network Workstation Support Plan & Updates	16,000
10-100-160-81020	Network Software and Accessories	8,000
10-100-160-81025	Repairs, Maintenance & Non Capital Replacement	20,000
10-100-160-89000	Contribution to Equipment Replacement Reserve	
10-100-160-89800	Cost Recapture	(63,000)
	TOTAL COMPUTER INFORMATION SYSTEMS EXPENSES	-
	EXPENDITURES: COMMUNICATIONS	
10-100-165-82015	Supplies	-
10-100-165-82020	Insurance Premiums/Licence Fees	2,282
10-100-165-82025	Telephone/Licence Fees	
10-100-165-82030	Contracted Services	5,000
10-100-165-82035	Radio Tower Repairs and Maintenance	-
10-100-165-82040	Communication Equipment	-
10-100-165-82100	Lease for Communication Site	-
10-100-165-89000	Contribution to Equipment Replacement Reserve	-
10-100-165-89800	Cost Recapture	(7,282)
	TOTAL COMMUNICATIONS EXPENSES	-
	EXPENDITURES: MUNICIPAL HEALTH & SAFETY PROGRAM	
10-100-185-60010	Wages - Safety	7,656
10-100-185-60015	Benefits - Safety	1,610
10-100-185-60510	Professional Fees	
10-100-185-60610	Membership/Conference	
10-100-185-60650	Training	5,000
10-100-185-60660	Travel - Accommodation and Meals	
10-100-185-60665	Travel - Transportation	
10-100-185-62700	Supplies	
	TOTAL MUNICIPAL HEALTH & SAFETY PROGRAM EXPENSES	14,266
	TOTAL GENERAL MUNICIPAL EXPENSES	1,551,954

Provisional Budget 2020

	REVENUE : FUNDING SPECIAL PROJECTS/EVENTS	
10-100-190-76000	Canada Day	
10-100-190-76020	Projects Funding	
10-100-190-76040	Asset Management Funding	
10-100-190-76090	Transfer in from Sewer Reserves/Water Reserve	
	TOTAL FUNDING SPECIAL PROJECTS/EVENTS REVENUE	-
	EXPENDITURES: SPECIAL PROJECTS/EVENTS	
10-100-190-76500	Canada Day	
10-100-190-76505	Discovery Day	
10-100-190-76508	Celebration of Lights	
10-100-190-76510	Communities in Bloom	
10-100-190-76538	Asset Management Professional Fees	
10-100-190-76540	Downtown Revitalization/Reserve Transfer	20,000
10-100-190-76550	Misc Projects - Sewer Evaluation/ Water Rate Study	
	TOTAL SPECIAL PROJECTS/ EVENTS EXPENSES	20,000
	TOTAL GENERAL MUNICIPALITY REVENUES:	5,551,654
	TOTAL GENERAL MUNICIPALITY EXPENSES:	1,551,954
	NET GENERAL MUNICIPALITY EXPENSES	3,999,700

Provisional Budget 2020

	CABLE	Provisional
	REVENUES - CABLE:	2020.00
	Cable Television:	
10-200-200-42000	Analog Basic	190000.00
10-200-200-42100	Digital Basic	54000.00
10-200-200-42200	Additional Packages	18000.00
10-200-200-42500	Cable Member Rebate	0.00
10-200-200-42600	Reconnects	1000.00
10-200-200-42700	New Installations/Reconnects	2500.00
10-200-200-42800	Receiver Purchase	0.00
10-200-200-45000	Fibre Optic Rental	4200.00
	TOTAL REVENUE - CABLE:	269700.00
	EXPENDITURES - CABLE:	
10-200-200-60010	Wages	16099.88
10-200-200-60015	Benefits	3386.61
10-200-200-60510	Professional Fees	10000.00
10-200-200-60017	Training	0.00
10-200-200-60660	Travel - Accomodation and Meals	500.00
10-200-200-60665	Travel - Transportation	50.00
10-200-200-61110	Advertising/Analog Channel Guide	2227.68
10-200-200-61115	Promotional Material/Special Events	0.00
10-200-200-62100	Postage	3300.00
10-200-200-62110	Freight	200.00
10-200-200-62500	Computer Network Charge	350.00
10-200-200-62700	Supplies - Office	3000.00
10-200-200-62750	Non-capital Equipment/Office Furniture	2000.00
10-200-200-62770	Photocopier Expense	750.00
10-200-200-65100	Tower/Equipment Repairs and Mtnc.	14500.00
10-200-200-65500	Electrical	12000.00
10-200-200-65550	Insurance	0.00
10-200-200-65560	Janitorial - City Hall	450.00
10-200-200-65590	Telephone and Fax	3500.00
10-200-200-67000	Bank Charges	0.00
10-200-200-67090	Cash Over/Short	0.00
10-200-200-70000	Contracted Services	50000.00
10-200-200-71000	Supplies - Operating	10000.00
10-200-200-71320	Cable Pole Rental/Site Lease	29448.13
10-200-200-72200	Television Stations	105000.00
	TOTAL EXPENDITURES - CABLE:	266762.30
	TOTAL CABLE REVENUES:	269700.00
	TOTAL CABLE EXPENSES:	266762.30
	NET CABLE EXPENSES	2937.70

Provisional Budget 2020

	CEMETERY		Provisional
			2020
	REVENUE - CEMETERY PLOTS:		
10-500-500-45000	Sale of Cemetery Plots	3000	
10-500-500-59500	Transfer in from Reserves	0	
	TOTAL CEMETERY REVENUE:	3000	
	EXPENDITURES - CEMETERY PLOTS:		
10-500-500-60510	Professional Services	0	
10-500-500-62500	Computer System charge	0	
10-500-500-62750	Non-Capital Equipment	0	
10-500-500-70000	Contracted Services	10000	
10-500-500-70100	Landscaping	5000	
10-500-500-78000	Equipment Rentals	0	
	TOTAL CEMETERY EXPENSE:	15000	
	TOTAL CEMETERY REVENUES:	3000	
	TOTAL CEMETRY EXPENSES:	15000	
	NET CEMETERY EXPENSES	-	12,000

Provisional Budget 2020

2019 DRAFT Final		Provisional 2020
	PLANNING & DEVELOPMENT:	
	REVENUES - PLANNING:	
10-600-600-46000	Development Permits	25829.99
10-600-600-46050	Subdivision Development Fees	6980.00
10-600-600-46080	Signage and Fence Permits	0.00
10-600-600-46200	Variance Fees	0.00
10-600-600-46500	Land Sales	
10-600-600-46600	External Funding	40000.00
10-600-600-59500	Transfer in from Reserves	0.00
	TOTAL REVENUE - PLANNING:	72809.99
	EXPENDITURES - PLANNING:	
10-600-600-60010	Wages - Planning	150000.00
10-600-600-60015	Benefits - Planning	30000.00
10-600-600-60040	Honoraria	5000.00
10-600-600-60510	Professional Fees	25000.00
10-600-600-60520	Legal Fees	10000.00
10-600-600-60650	Training	5200.00
10-600-600-60660	Travel - Accomodation and Meals	3100.00
10-600-600-60665	Travel - Transportation	4000.00
10-600-600-61110	Advertising	5500.00
10-600-600-61115	Promotional Material/Special Events	500.00
10-600-600-61120	Subscriptions & Publications	500.00
10-600-600-62100	Postage	220.00
10-600-600-62110	Freight	0.00
10-600-600-62500	Computer Network Charge	265.87
10-600-600-62700	Supplies - Office	1300.00
10-600-600-62750	Non Capital Equipment/Office Furniture	5000.00
10-600-600-62770	Photocopier Expense	500.00
10-600-600-65550	Insurance	700.00
10-600-600-65560	Janitorial - City Hall	500.00
10-600-600-70000	Contracted Services	20000.00
10-600-600-70000	Surveying	10000.00
10-600-600-70100	Land Development Costs	50000.00
	TOTAL EXPENDITURES - PLANNING:	327285.87
	TOTAL PLANNING REVENUES:	72809.99
	TOTAL PLANNING EXPENSES:	327285.87
	NET PLANNING EXPENSES	-254475.88

Provisional Budget 2020

		Provisional 2020
	PROTECTIVE SERVICES	
	REVENUES - FIRE PROTECTION	
10-300-310-43000	Fire Alarm Monitoring	23,829.00
10-300-310-43050	Inspection Services	1,500.00
10-300-310-43100	Fire Alarm Response	2,000.00
10-300-310-43150	Emergency Response	500.00
10-300-310-43200	Burning Permits	-
10-300-310-43250	Miscellaneous Protective Services	2,500.00
10-300-310-43280	CMG - Fire Suppression	-
10-300-310-43290	CMG - Fire Suppression	50,000.00
10-300-310-59500	Transfer in from Reserve	-
	TOTAL FIRE PROTECTION REVENUES	80,329.00
	EXPENSES - FIRE PROTECTION	
10-300-310-60010	Wages - Fire Protection	80,139.73
10-300-310-60015	Benefits - Fire Protection	18,307.41
10-300-310-60020	Fire Fighter Call Outs	60,000.00
10-300-310-60025	Benefits - Fire Fighter Call Outs	23,000.00
10-300-310-60510	Professional Fees	2,000.00
10-300-310-60610	Membership/Conference	1,500.00
10-300-310-60650	Training/Certificates	20,000.00
10-300-310-60660	Travel - Accomodation and Meals	6,000.00
10-300-310-60665	Travel - Transportation	5,000.00
10-300-310-61110	Advertising	6,000.00
10-300-310-61115	Promotional Material/Special Events	5,000.00
10-300-310-61120	Subscriptions & Publications	3,000.00
10-300-310-62100	Postage	500.00
10-300-310-62110	Freight	2,000.00
10-300-310-62500	Computer Network Charge	1,251.03
10-300-310-62550	Communication Charge	1,151.06
10-300-310-62700	Supplies - Office	1,000.00
10-300-310-62750	Non Capital Equipment	5,300.00
10-300-310-62770	Photocopier Expense	550.00
10-300-310-65100	Building Repairs and Maintenance	10,000.00
10-300-310-65500	Electrical	5,429.97
10-300-310-65510	Cable TV	1,292.85
10-300-310-65520	Heating	9,308.52
10-300-310-65550	Insurance & Licencing	32,000.00
10-300-310-65560	Janitorial - Fire Hall	1,034.28
10-300-310-65590	Telephone and Fax	13,445.64
10-300-310-70000	Contracted Services	40,000.00
10-300-310-71000	Supplies - Operating	16,000.00
10-300-310-71010	Supplies - Specialty Clothing	20,000.00
10-300-310-71020	Supplies - Safety	5,100.00
10-300-310-71030	Smoke/CO Detector Campaign	5,500.00
10-300-310-72310	Software and Support - Fire	2,500.00
10-300-310-72320	Burn Building	2,000.00
10-300-310-78000	Equipment Rental	1,100.00
10-300-310-78100	Vehicle Fuel	3,000.00
10-300-310-78110	Vehicle Repairs and Maintenance	2,500.00
10-300-310-78500	Heavy Equipment Fuel	1,000.00
10-300-310-78510	Heavy Equipment Repairs and Maintenance	10,000.00
10-300-310-78520	Interest on Equipment Lease	7,000.00
10-300-310-89500	Contribution to Operating Reserves	-
	TOTAL FIRE PROTECTION EXPENSES	429,910.49
	NET FIRE PROTECTION EXPENSES	(349,581.49)

Provisional Budget 2020

	EXPENSES - EMERGENCY MEASURES:	
10-300-350-60010	Wages - EMO	15,770.84
10-300-350-60015	Benefits - EMO	3,602.75
10-300-350-60510	Professional Fees	-
10-300-350-60610	Membership/Conference	-
10-300-350-60650	Training/Certificates	3,000.00
10-300-350-60660	Travel - Accomodation and Meals	500.00
10-300-350-60665	Travel - Transportation	500.00
10-300-350-61110	Advertising	500.00
10-300-350-61115	Promotional Material/Special Events	500.00
10-300-350-61120	Subscriptions & Publications	-
10-300-350-62700	Supplies	500.00
10-300-350-62750	Non Capital Equipment	3,200.00
10-300-350-65550	Insurance	1,551.42
10-300-350-70000	Contract Services	-
10-300-350-71020	Safety Supplies	500.00
10-300-350-78000	Equipment Rental	-
10-300-350-78100	Vehicle Fuel	-
10-300-350-78110	Vehicle Repairs and Maintenance	-
	TOTAL EMERGENCY MEASURES EXPENDITURES	30,125.00
	BYLAW ENFORCEMENT	
	REVENUES - BYLAW ENFORCEMENT	
10-300-380-43800	Bylaw Revenue	1,000.00
10-300-380-43850	Animal Control Fees	3,000.00
10-300-380-43860	Grants	-
10-300-380-59500	Transfer in from Reserve	-
	TOTAL BYLAW ENFORCEMENT REVENUES	4,000.00
	EXPENSES - BYLAW ENFORCEMENT:	
10-300-380-60010	Wages - Bylaw	68,899.50
10-300-380-60015	Benefits - Bylaw	15,739.65
10-300-380-60510	Professional Fees	2,000.00
10-300-380-60610	Membership/Conference	2,000.00
10-300-380-60650	Training	3,000.00
10-300-380-60660	Travel - Accomodation and Meals	2,000.00
10-300-380-60665	Travel - Transportation	2,000.00
10-300-380-61110	Advertising	1,500.00
10-300-380-61115	Promotional Material/Special Events	1,000.00
10-300-380-61120	Subscriptions & Publications	-
10-300-380-62110	Freight	300.00
10-300-380-62700	Supplies - Office	1,500.00
10-300-380-62750	Non Capital Equipment	500.00
10-300-380-65550	Insurance	1,561.24
10-300-380-70000	Contracted Services	2,000.00
10-300-380-70005	Animal Control - Humane Society	16,000.00
10-300-380-71000	Operating Supplies	800.00
10-300-380-71010	Specialty Clothing	800.00
10-300-380-78100	Vehicle Fuel	1,200.00
10-300-380-78110	Vehicle Repairs and Maintenance	1,200.00
	TOTAL BYLAW ENFORCEMENT EXPENDITURES:	124,000.39
	NET BYLAW ENFORCEMENT EXPENDITURES	120,000.39
	TOTAL PROTECTIVE SERVICES REVENUES:	84,329.00
	TOTAL PROTECTIVE SERVICES EXPENSES:	584,035.88
	NET PROTECTIVE SERVICES EXPENSES	(499,706.88)

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		PUBLIC WORKS	Provisional
			2020
		REVENUE - PUBLIC WORKS:	
		WATER SERVICE REVENUE:	
10-400-455-44000	Water Utility Fee		790000.00
10-400-455-44100	Water Service Call		3000.00
10-400-455-44200	Coin Operated Truck Fill		10000.00
10-400-455-59500	Transfer in from Reserve		0.00
	TOTAL WATER SERVICE REVENUE:		803000.00
		SEWER SERVICE REVENUE:	
10-400-460-44300	Sewer Utility Fee		640000.00
10-400-460-44350	Sewer Service Calls		500.00
10-400-460-44400	YG Charge for WWTP		0.00
10-400-460-59500	Transfer in from Reserve		0.00
	TOTAL SEWER SERVICE REVENUE:		640500.00
		WASTE MANAGEMENT REVENUE:	
10-400-480-44500	Waste Management Fees		230000.00
10-400-480-44600	YG Funding for Waste Management		75000.00
10-400-480-44800	Ground Water Monitoring		10000.00
10-400-480-59500	Transfer in from Reserve		0.00
	TOTAL WASTE MANAGEMENT REVENUE:		315000.00
		OTHER REVENUE:	
10-400-495-44600	Water Delivery		65000.00
10-400-495-44700	New Installation Fee - Labour		6500.00
10-400-495-44710	Sale of Gravel		2535.00
10-400-495-44715	New Installation Fee - Sale of Inventory		35000.00
10-400-495-44725	Load Capacity		20000.00
10-400-495-44730	Development Charge/Frontage Charge		0.00
10-400-495-44750	Disconnect/Reconnect Water Services		12000.00
10-400-495-44800	Misc Services		0.00
10-400-495-44825	Grant - Training		5000.00
	Transfer in from Reserves		
10-400-495-44850	Lease Income - Dock		9000.00
	TOTAL OTHER REVENUE:		155035.00
	TOTAL REVENUE - PUBLIC WORKS:		1913535.00

Provisional Budget 2020

	EXPENDITURES - PUBLIC WORKS:	
	COMMON:	
10-400-410-60010	Wages - PW Common	145000.00
10-400-410-60015	Benefits - PW Common	25000.00
10-400-410-60510	Professional Fees	1000.00
10-400-410-60610	Membership/Conference	150.00
10-400-410-60650	Training	13000.00
10-400-410-60660	Travel - Accomodation and Meals	7600.00
10-400-410-60665	Travel - Transportation	2000.00
10-400-410-61110	Advertising	500.00
10-400-410-61115	Promotional Material/Special Events	800.00
10-400-410-61120	Subscriptions & Publications	300.00
10-400-410-62100	Postage	750.00
10-400-410-62110	Freight	3000.00
10-400-410-62500	Computer Network Charge/Alarm Systems	2500.00
10-400-410-62550	Communication Charge	250.00
10-400-410-62700	Supplies - Office	3200.00
10-400-410-62750	Non Capital Equipment	15000.00
10-400-410-62770	Photocopier Expense	2000.00
10-400-410-65100	Building Repairs and Maintenance	7000.00
10-400-410-65500	Electrical	5500.00
10-400-410-65520	Heating	15000.00
10-400-410-65550	Insurance	2700.00
10-400-410-65560	Janitorial - Public Works Blding	760.00
10-400-410-65590	Telephone and Fax	16000.00
10-400-410-67005	Services Charges and late fees - PW Common	0.00
10-400-410-70000	Contract Services - Common	4000.00
10-400-410-71000	Supplies - Common Operating	9000.00
10-400-410-71020	Supplies - Safety	9000.00
10-400-410-78100	Vehicle Fuel	4500.00
10-400-410-78110	Vehicle Repairs and Maintenance	5000.00
10-400-410-78500	Heavy Equipment Fuel	1200.00
10-400-410-78510	Heavy Equipment R&M	4000.00
	TOTAL COMMON EXPENDITURES:	305710.00

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	TRANSPORTATION:	
	ROADS AND STREETS - SUMMER:	
10-400-420-60010	Wages - PW Roads Summer	25000.00
10-400-420-60015	Benefits - PW Roads Summer	5000.00
10-400-420-60510	Professional Fees	0.00
10-400-420-61110	Advertising	500.00
10-400-420-62110	Freight	500.00
10-400-420-62500	Computer Network Charge	1500.00
10-400-420-62550	Communication Charge	250.00
10-400-420-62750	Non Capital Equipment/Office Furniture	0.00
10-400-420-65550	Insurance	1575.00
10-400-420-70000	Contracted Services	70000.00
10-400-420-71000	Supplies - Operating	1000.00
10-400-420-71200	Chemicals	3500.00
10-400-420-71240	Cold Mix	3500.00
10-400-420-71250	Gravel	20000.00
10-400-420-71270	Signs	7000.00
10-400-420-71280	Street Lights	14000.00
10-400-420-78000	Equipment Rental	0.00
10-400-420-78100	Vehicle Fuel	500.00
10-400-420-78110	Vehicle Repairs and Maintenance	500.00
10-400-420-78500	Heavy Equipment Fuel	1100.00
10-400-420-78510	Heavy Equipment Repairs and Maintenance	3200.00
10-400-420-89000	Contribution to Capital Reserves	0.00
10-400-420-89500	Contribution to Operating Reserves	0.00
	TOTAL ROADS AND STREETS - SUMMER:	158625.00
	ROADS AND STREETS - WINTER:	
10-400-425-60010	Wages - PW Roads Winter	52000.00
10-400-425-60015	Benefits - PW Roads Winter	8000.00
10-400-425-61110	Advertising	500.00
10-400-425-62110	Freight	500.00
10-400-425-62500	Computer Network Charge	1500.00
10-400-425-62550	Communication Charge	250.00
10-400-425-62750	Non Capital Equipment/Office Furniture	0.00
10-400-425-65550	Insurance	1600.00
10-400-425-70000	Contracted Services	150000.00
10-400-425-71000	Supplies	800.00
10-400-425-71200	Chemical	0.00
10-400-425-71240	3/8 Minus Sand Mix	15000.00
10-400-425-71270	Signs	800.00
10-400-425-71280	Street Lights	18000.00
10-400-425-78000	Equipment Rental	0.00
10-400-425-78100	Vehicle Fuel	1500.00
10-400-425-78110	Vehicle Repairs and Maintenance	1500.00
10-400-425-78500	Heavy Equipment Fuel	2100.00
10-400-425-78510	Heavy Equipment Repairs and Maintenance	7000.00
	TOTAL ROADS AND STREETS - WINTER	261050.00

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	SIDEWALKS:	
10-400-430-60010	Wages - PW Sidewalks	24000.00
10-400-430-60015	Benefits - PW Sidewalks	5000.00
10-400-430-62110	Freight	0.00
10-400-430-62500	Computer Network Charge	500.00
10-400-430-65550	Insurance	800.00
10-400-430-70000	Contracted Services	15000.00
10-400-430-71000	Supplies - Material	17000.00
10-400-430-71240	Gravel	1000.00
10-400-430-71250	Equipment Rental	0.00
10-400-430-78100	Vehicle Fuel	500.00
10-400-430-78110	Vehicle Repairs and Maintenance	500.00
10-400-430-78500	Heavy Equipment Fuel	500.00
10-400-430-78510	Heavy Equipment Repairs and Maintenance	1500.00
	TOTAL SIDEWALKS:	66300.00
	FLOATING DOCK:	
10-400-435-60010	Wages - PW Dock	2200.00
10-400-435-60015	Benefits - PW Dock	500.00
10-400-435-65100	Repair and Maintenance	5000.00
10-400-435-65550	Insurance	900.00
10-400-435-70000	Contracted Services	12000.00
10-400-435-71000	Supplies	0.00
10-400-435-71320	Marine Lease	150.00
10-400-435-78000	Equipment Rental	0.00
	TOTAL FLOATING DOCK:	20750.00
	SURFACE DRAINAGE:	
10-400-450-60010	Wages - PW Surface Drainage	50000.00
10-400-450-60015	Benefits - PW Surface Drainage	8000.00
10-400-450-60510	Professional Fees	0.00
10-400-450-62110	Freight	500.00
10-400-450-62500	Computer Network Charge	750.00
10-400-450-62750	General Operat-Non Capital Equipment	500.00
10-400-450-65500	Electrical	1050.00
10-400-450-65550	Insurance	900.00
10-400-450-70000	Contracted Services	15500.00
10-400-450-71000	Supplies	3000.00
10-400-450-78000	Equipment Rental	0.00
10-400-450-78100	Vehicle Fuel	1750.00
10-400-450-78110	Vehicle Repairs and Maintenance	1750.00
10-400-450-78500	Heavy Equipment Fuel	1600.00
10-400-450-78510	Heavy Equipment Repairs and Maintenance	7500.00
	TOTAL SURFACE DRAINAGE	92800.00

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	ENVIRONMENTAL USE AND PROTECTIONS:	
	WATER SERVICES:	
10-400-455-60010	Wages - PW Water Services	398000.00
10-400-455-60015	Benefits - PW Water Services	70000.00
10-400-455-60510	Professional Fees	110000.00
10-400-455-60515	Professional Fees - Water Licence	10000.00
10-400-455-60610	Membership/Conference/Certificates	350.00
10-400-455-60650	Training	12000.00
10-400-455-60660	Travel - Accomodation and Meals	7000.00
10-400-455-60665	Travel - Transportation	2000.00
10-400-455-61110	Advertising	200.00
10-400-455-62110	Freight	13000.00
10-400-455-62500	Computer Network Charge	5900.00
10-400-455-62550	Communication Charge	1200.00
10-400-455-62750	Non Capital Equipment	9000.00
10-400-455-65100	Repairs and Maintenance	30000.00
10-400-455-65500	Electrical	150000.00
10-400-455-65520	Heating	300000.00
10-400-455-65550	Insurance	13000.00
10-400-455-65590	Telephone	2500.00
10-400-455-70000	Contract Services	25000.00
10-400-455-71000	Supplies - Operating	25000.00
10-400-455-71200	Chemicals	8000.00
10-400-455-72400	Water Sampling/Testing	5000.00
10-400-455-78000	Equipment Rental	0.00
10-400-455-78100	Vehicle Fuel	10000.00
10-400-455-78110	Vehicle Repairs and Maintenance	10000.00
10-400-455-78500	Heavy Equipment Fuel	1000.00
10-400-455-78510	Heavy Equipment Repairs	3000.00
	TOTAL WATER SERVICES:	1221150.00

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	SEWER SERVICES:	
10-400-460-60010	Wages - PW Sewer Services	150000.00
10-400-460-60015	Benefits - PW Sewer Services	25000.00
10-400-460-60510	Professional Fees	0.00
10-400-460-60610	Membership/Conference/Dues	350.00
10-400-460-60650	Training	6800.00
10-400-460-60660	Travel - Accomodation and Meals	4000.00
10-400-460-60665	Travel - Transportation	1000.00
10-400-460-61110	Advertising	250.00
10-400-460-62110	Freight	5050.00
10-400-460-62500	Computer Network Charge	3800.00
10-400-460-62550	Communication Charge	5000.00
10-400-460-62750	Non Capital Equipment	3042.00
10-400-460-65100	Repairs and Maintenance	10000.00
10-400-460-65110	Repairs and Maintenance - WWTP related	0.00
10-400-460-65500	Electrical	25000.00
10-400-460-65520	Heating	0.00
10-400-460-65550	Insurance	7000.00
10-400-460-70000	Contracted Services	20280.00
10-400-460-71000	Supplies	12168.00
10-400-460-71020	Supplies - Safety	2500.00
10-400-460-71200	Chemicals	3042.00
10-400-460-72400	Sampling/Testing	0.00
10-400-460-78000	Equipment Rental	0.00
10-400-460-78100	Vehicle Fuel	4056.00
10-400-460-78110	Vehicle repair and maintenance PW Sewer	4056.00
10-400-460-78500	Heavy Equipment Fuel	1014.00
10-400-460-78510	Heavy Equipment R&M	3042.00
	TOTAL SEWER SERVICES:	296450.00
	WASTE WATER TREATMENT PLANT:	
10-400-465-60010	Wages - PW WWTP	0.00
10-400-465-60015	Benefits - PW WWTP	0.00
10-400-465-60510	Professional Fees - Water Licence	0.00
10-400-465-60650	Training	0.00
10-400-465-60660	Travel - Accomodation and Meals	0.00
10-400-465-60665	Travel - Transportation	0.00
10-400-465-62110	Freight	0.00
10-400-465-65100	Repairs and Maintenance - WWTP related	0.00
10-400-465-71020	Supplies - Safety	0.00
10-400-465-70000	Contract Services	0.00
10-400-465-71000	Supplies - WWTP related	0.00
10-400-465-72100	YG Payment towards Operating WWTP	220000.00
10-400-465-72400	Sampling/Testing	0.00
10-400-465-78100	Vehicle Fuel	0.00
	Vehicle Repairs and Maintenance	
	TOTAL WASTE WATER TREATMENT PLANT:	220000.00

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	WASTE MANAGEMENT:	
10-400-480-60010	Wages - PW Waste Management	125000.00
10-400-480-60015	Benefits - PW Waste Management	30000.00
10-400-480-60510	Professional Fees	30000.00
10-400-480-60650	Training	0.00
10-400-480-60660	Travel - Accomodation and Meals	0.00
10-400-480-60665	Travel - Transportation	0.00
10-400-480-61110	Advertising	1000.00
10-400-480-62110	Freight	800.00
10-400-480-62500	Computer Network Charge	3500.00
10-400-480-62550	Communication Charge	1000.00
10-400-480-62750	Non-Capital Equipment	2000.00
10-400-480-65100	Building Repairs and Maintenance	2000.00
10-400-480-65500	Electrical	0.00
10-400-480-65520	Heating	3500.00
10-400-480-65550	Insurance	6500.00
10-400-480-65560	Janitorial Supplies	200.00
10-400-480-65590	Telephone and Fax	800.00
10-400-480-70000	Contracted Services	76050.00
10-400-480-70100	Waste Diversion CKS	100000.00
10-400-480-70200	Waste Diversion Planning & Implementation	10000.00
10-400-480-71000	Supplies	1500.00
10-400-480-71020	Supplies - Safety	800.00
10-400-480-72400	Sampling/Testing	20000.00
10-400-480-78000	Equipment Rental	0.00
10-400-480-78100	Vehicle Fuel	500.00
10-400-480-78110	Vehicle Repairs and Maintenance	500.00
10-400-480-78115	Water Delivery/Septic	1200.00
10-400-480-78500	Heavy Equipment Fuel	3500.00
10-400-480-78510	Heavy Equipment Repairs and Maintenance	10000.00
10-400-480-85000	Amortization	0.00
10-400-480-89000	Contribution to Capital Reserves	0.00
10-400-480-89500	Contribution to Operating Reserves	0.00
	TOTAL WASTE MANAGEMENT:	430350.00
	OTHER:	
10-400-495-60010	Wages - PW Other	0.00
10-400-495-60015	Benefits - PW Other	0.00
10-400-495-70000	Contracted Services	22000.00
10-400-495-70100	Water Delivery	80000.00
10-400-495-70200	Waste Collection	325000.00
10-400-495-71000	Supplies & Cost of Misc Sales	0.00
10-400-495-72425	Insurance claim costs	0.00
10-400-495-72450	New Installation Costs	45630.00
	TOTAL OTHER:	472630.00
	TOTAL PUBLIC WORKS REVENUE	3357035.00
	TOTAL PUBLIC WORKS EXPENDITURES	3545815.00
	NET PUBLIC WORKS EXPENDITURES	-188780.00

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	RECREATION:	Provisional
		2020
	REVENUE - RECREATION COMMON	
10-700-750-47050	Lotteries - Yukon	31868
10-700-750-47805	Equipment Rental	3,000
10-700-750-47890	Miscellaneous Revenue	
10-700-750-47820	Non Refundable Deposits	0
	TOTAL REVENUES-RECREATION COMMON	34868
	EXPENDITURES - REC CENTER/COMMON SERVICES:	
10-700-750-60010	Wages - Recreation	160000
10-700-750-60015	Benefits - Recreation	32000
10-700-750-60510	Professional Fees	
10-700-750-60650	Training	5000
10-700-750-60660	Travel - Accomodation and Meals	5000
10-700-750-60665	Travel - Transportation	4000
10-700-750-61110	Advertising	1000
10-700-750-62100	Postage	500
10-700-750-62110	Freight	200
10-700-750-62500	Computer Network Charge	12000
10-700-750-62700	Supplies - Office	6000
10-700-750-62750	Non Capital Equipment/Office Furniture	6000
10-700-750-62770	Photocopier Expense	1000
10-700-750-65550	Insurance	60000
10-700-750-65590	Telephone and Fax	15000
10-700-750-67000	Bank Service Charges/Debit Machine Exp.	2500
10-700-750-67090	Cash Over/Short	0
10-700-750-70000	Contracted Services	40000
10-700-750-71000	Supplies - Programming	0
10-700-750-71010	Supplies - RPAY Grant Expense	-
10-700-750-71020	Supplies - Common Operating	0
10-700-750-71025	Supplies - Safety	4000
10-700-750-75000	Lottery Grants	31368
10-700-750-78100	Vehicle Fuel	3000
10-700-750-78110	Vehicle Repairs and Maintenance	3000
10-700-750-89000	Contribution to Capital Reserves	0
10-700-750-89500	Contribution to Equipment Replacement Reserves	0
	TOTAL REC. COMMON/CENTER EXPENSES:	391568

Provisional Budget 2020

	REVENUE - PROGRAMS AND EVENTS	
10-700-710-47000	YLAP Grant/Youth Summer Activity Grant	12500
10-700-710-47095	Other Govt Grants	0
10-700-710-47500	Programs - Under 14 yrs of age	40000
10-700-710-47505	Programs - 15 yrs +	6000
10-700-710-47600	Canada Day Grant	2400
	TOTAL REVENUES - PROGRAMS AND EVENTS	60900
	EXPENDITURES - PROGRAMS AND EVENTS	
10-700-710-60010	Wages - Programs and Events	180000
10-700-710-60015	Benefits - Programs and Events	36000
10-700-710-60055	WCB - Instructors	500
10-700-710-60610	Membership/Conference Fees	200
10-700-710-60650	Training	1000
10-700-710-60660	Travel - Accomodation & Transportation	2000
10-700-710-62110	Freight	500
10-700-710-62750	Non Capital Equipment	2000
10-700-710-70000	Contracted Services - Instructors	22000
10-700-710-71000	Supplies Programming	12000
10-700-710-71050	Supplies - YLAP	12500
10-700-710-71330	Rental Space	250
10-700-710-76500	Canada Day	4600
10-700-710-76505	Discovery Day	3000
10-700-710-76508	Celebration of Lights	7500
10-700-710-89000	Contribution to Capital Reserves	0
10-700-710-89500	Contribution to Operating Reserves	0
	TOTAL PROGRAMS & EVENTS EXPENSES:	284050
	NET - PROGRAMS & EVENTS EXPENSES	-223150

Provisional Budget 2020

	REVENUE - AMFRC	
10-700-720-47400	Public Skating	3000
10-700-720-47405	Ice Fees	40000
10-700-720-47700	Curling Club Lease	4000
10-700-720-47705	Recreation Facility Rental	7000
	TOTAL REVENUES - AMFRC	54000
	EXPENDITURES - AMFRC	
10-700-720-60010	Wages - AMFRC	100000
10-700-720-60015	Benefits - AMFRC	20000
10-700-720-62110	Freight - AMFRC	2000
10-700-720-65100	Building R & M - AMFRC	100000
10-700-720-65300	Equipment R & M	15500
10-700-720-65500	Electrical - AMFRC	95000
10-700-720-65515	Propane - AMFRC	1000
10-700-720-65520	Heating - AMFRC	146000
10-700-720-65560	Janitorial - AMFRC	12000
10-700-720-71000	Supplies Operating - AMFRC	3000
10-700-720-78500	Equip Fuel - AMFRC	2000
	TOTAL AMFRC EXPENSES:	496500
	NET - AMFRC EXPENSES	-442500
	REVENUE - WATERFRONT	
10-700-740-47460	Fitness Passes	47000
	TOTAL REVENUES - WATERFRONT	47000
	EXPENDITURES - WATERFRONT	
10-700-740-60010	Wages - Waterfront	15000
10-700-740-60015	Benefits - Waterfront	3000
10-700-740-62110	Freight	250
10-700-740-65100	Building R & M	60000
10-700-740-65300	Equipment R & M	5000
10-700-740-65500	Electrical	6000
10-700-740-65520	Heating	5000
10-700-740-65560	Janitorial	15000
10-700-740-70000	Contracted Services	0
10-700-740-71000	Supplies Operating	2000
	TOTAL WATERFRONT EXPENSES:	111250
	NET - WATERFRONT EXPENSES	-64250

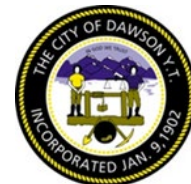
Provisional Budget 2020

	REVENUE - POOL	
10-700-760-47020	Pool Training Funding	500
10-700-760-47300	Public Swim	10000
10-700-760-47305	Swimming Lessons 14-	10000
10-700-760-47310	Swimming Lessons 15+	1500
10-700-760-47350	Merchandise	200
10-700-760-47460	Swim Club	1500
10-700-760-47100	Recovery PM Costs	0
10-700-760-47705	Rentals	250
	TOTAL REVENUES - POOL	23950
	EXPENDITURES - POOL	
10-700-760-60010	Wages - Pool	110000
10-700-760-60015	Benefits - Pool	22000
10-700-760-60610	Membership/Conference	200
10-700-760-60650	Training	5000
10-700-760-60660	Travel - Accomodation and Meals	2000
10-700-760-60665	Travel - Transportation	1500
10-700-760-62110	Freight	1500
10-700-760-62500	Computer Network Charge	0
10-700-760-65100	Building Repairs and Maintenance	50000
10-700-760-65500	Electrical	15000
10-700-760-65520	Heating	34000
10-700-760-65550	Insurance	0
10-700-760-65560	Janitorial Supplies	2000
10-700-760-67090	cash Shortage	0
10-700-760-71000	Supplies - Operational	5000
10-700-760-71050	Swim Club Expenditures	1000
10-700-760-71100	Supplies - Lesson Material	1000
10-700-760-71200	Chemicals	2500
10-700-760-85000	Amortization	0
10-700-760-89000	Contribution to Capital Reserves	0
10-700-760-89500	Contribution to Operating Reserves	0
	TOTAL POOL EXPENSES:	252700
	NET - POOL EXPENSES	-228750

Provisional Budget 2020

	REVENUE - GREEN SPACE	
10-700-770-44705	Rentals - Minto	7000
10-700-770-44710	Vendor Stalls	1000
10-700-770-44720	Commemorative Parks Program Donations	3000
10-700-770-47010	Growing Forward Grant	2500
10-700-770-47715	Rentals - Parks & Greenspaces	10000
	TOTAL REVENUES - GREEN SPACE	23500
	EXPENDITURES - GREEN SPACE	
10-700-770-60010	Wages	65000
10-700-770-60015	Benefits	13000
10-700-770-60510	Professional Fees	0
10-700-770-60610	Membership/Conference	0
10-700-770-60650	Training	500
10-700-770-62110	Freight	600
10-700-770-62750	Non Capital Equipment	2000
10-700-770-65100	Repairs & Maintenance - Minto	2500
10-700-770-65105	Repairs & Maintenance - Other	7000
	Repairs & Maintenance - Crocus	
	Repairs & Maintenance - Community Garden	
10-700-770-65200	Commemorative Parks Program	3000
10-700-770-65300	Equipment Repairs & Maintenance	1500
10-700-770-65500	Electric - Minto	4000
10-700-770-65520	Electric - Other	3200
10-700-770-65560	Greenspace Janitorial	6000
10-700-770-70000	Contracted Services	35000
10-700-770-70100	Parks & Greenspace Maintenance	65000
10-700-770-70200	Trail Maintenance - Green Space	10000
10-700-770-71320	Land Lease	500
10-700-770-71325	Golf Course - Operating Lease	45000
10-700-770-72040	DC Minor Soccer	7000
10-700-770-75000	Community Garden	10000
10-700-770-78500	Equipment Fuel	500
	Equipment Repairs & Maintenance	
	TOTAL GREEN SPACE & PARK MTNCE EXPENSE	281300
	NET GREEN SPACE EXPENSES	-257800
	TOTAL RECREATION REVENUES:	244218
	TOTAL RECREATION EXPENSES:	1817368
	NET RECREATION EXPENSES	-1573150

Report to Council



☐ For Council Decision ☐ For Council Direction ☒ For Council Information

☐ In Camera

AGENDA ITEM:	Quigley Landfill Protocol 13 and Adaptive Management Planning	
PREPARED BY:	Mark Dauphinee	ATTACHMENTS: <ul style="list-style-type: none">▪ Protocol 13▪ Technical Guidance for Adaptive Management▪ Letter Dated July 9, 2019 from Environmental Programs Branch
DATE:	November 29, 2019	
RELEVANT BYLAWS / POLICY / LEGISLATION: <ul style="list-style-type: none">▪ Waste Management Permit #80-003▪ Contaminated Sites Regulation, O.I.C. 2002/171 (CSR)▪ Waste Management Bylaw #99-06		

ISSUE / PURPOSE

To keep Council abreast of the work being done to comply with the requirements of Waste Management Permit #80-003.

BACKGROUND SUMMARY

In June of this year the Environmental Programs Branch (EPB) of YG held discussions with administration to inform us of their intent to enact Protocol 13 of the Contaminated Sites Regulation. On July 9, 2019 EPB issued a letter notifying us that Protocol 13 had been triggered and that an Adaptive Management Plan (AMP) will need to be developed.

Administration worked throughout the summer with EPB to further refine Protocol 13 and the Technical Guidance for Adaptive Management as this is the first time that Protocol 13 has been invoked. In September Morrison Hershfield was hired to help develop the AMP for the City.

At this stage the AMP would be to conduct further site characterization work, as required, based on a review of the historical groundwater quality collected to date.

Morrison Hershfield's scope of work has been developed in conjunction with YG EPB and includes the following:

1. Compile and review hydrocarbon related groundwater quality data from the relevant monitoring network and assess this data for historical trends and or indications of a growing problem.
2. Based on the concentration and nature of the contaminant of concern, conduct a high-level qualitative evaluation of the risk of offsite mobilization.
3. Provide applicable recommendations that may include:
 - Increasing the frequency of monitoring and/or parameter list.
 - Conduct additional investigations, for example the installation of additional "step out" monitoring wells in and around the potential area of concern.

It is anticipated that this work will be completed before the end of this year.

APPROVAL		
NAME:	Cory Bellmore, CAO	SIGNATURE:
DATE:		



**PROTOCOL FOR THE CONTAMINATED SITES REGULATION
UNDER THE *ENVIRONMENT ACT*
PROTOCOL No. 13 Adaptive Management**

Prepared pursuant to Part 6 – Administration, Section 21,
Contaminated Sites Regulation, OIC 2002/171

Rev 04
September 2019

ADAPTIVE MANAGEMENT

1.0 Introduction

Adaptive management is the process of planning a response to circumstances or events that may not be fully predictable or expected. Adaptive management identifies, in advance, actions that must be taken to gather information and respond appropriately in the event of an unanticipated or unpredictable circumstance.

Section 21(1) of the *Contaminated Sites Regulation*, O.I.C. 2002/171 (CSR), authorizes the Minister or his/her delegate to approve or adopt protocols. In accordance with Section 21(1), this protocol has been designed to ensure consistency in identifying and responding to impacts from activities that may adversely impact water quality, including operation of a land treatment facility or a solid waste disposal facility.

2.0 Water quality monitoring requirements

All solid waste disposal facilities, some modified transfer station facilities and all land treatment facilities that accept highly contaminated material or have a capacity of 3000 m³ or greater, are required to complete a hydrogeological assessment and conduct ongoing groundwater monitoring as per the conditions of their permits issued under the *Environment Act*.

Other permitted activities may be required to complete a hydrogeological assessment and conduct ongoing groundwater monitoring in accordance with their permit, on a site-by-site basis. The hydrogeological assessment and water quality monitoring must be completed in accordance with the permit issued to the facility and all applicable protocols pursuant to the CSR.

Collecting and analyzing samples of groundwater and surface water near the facility is important to detect potential impacts to water quality the permitted activity. Analytical results are compared to the generic numerical water standards specified in Schedule 3 of the CSR, which identify acceptable limits for contaminant concentrations in groundwater and surface water, depending on the applicable water use(s) of the site, in accordance with CSR Protocol 6: Application of Water Quality Standards.

3.0 Triggers for adaptive management - land treatment facilities

Land treatment facility permit holders must develop an adaptive management plan if hydrocarbons are detected in any monitoring well at their facility in two consecutive sampling events. Detection of hydrocarbons may indicate a breach in the liner system designed to contain contaminants within the land treatment facility.

4.0 Triggers for adaptive management - solid waste disposal facilities

Solid waste disposal facility permit holders must develop an adaptive management plan if there is evidence of any contaminant at a concentration equal to or greater than the appropriate generic numerical water standards specified in the CSR for a sustained period of time as outlined below.

Environmental Programs Branch recognizes that a one-time exceedance of standards may not indicate long-term deterioration of water quality. Thus, an adaptive management plan will be required if one of the following triggers occurs within any groundwater monitoring well or surface water body potentially impacted by the facility, based on the permit requirement for water quality sampling:

- Exceedances of a parameter in four consecutive bi-annual sampling events;
- Exceedances of a parameter in five out of six bi-annual sampling events; or
- Three seasonally-consecutive exceedances (e.g. three spring exceedances in a three year period or three fall exceedances in three year period).

5.0 Triggers for adaptive management for other permitted activities

Permit holders for other permitted activities where water quality is monitored may be required to develop an adaptive management plan in accordance with the permit issued for their activity, on a site-by-site basis.

6.0 Preparation of Adaptive Management Plan

When one of the triggers described above or in the permit issued for the facility occurs, the permittee must:

- 1) attempt to demonstrate that adaptive management is not required; or
- 2) prepare an adaptive management plan for approval.

A demonstration that adaptive management is not required may be based on one of the following premises:

- The contamination observed is caused by a source other than the permitted activity; or
- For solid waste disposal facilities, the contamination observed is consistent with local, natural background water quality (based on analysis of upgradient water quality or local background water quality).

The rationale for these exemptions must be submitted to an Environmental Protection Analyst for review. The analyst will determine whether the demonstration is adequate.

If an adaptive management plan is required, the plan must describe the current water quality at the site and predict a number of **possible future scenarios** for short term (5 -10 years from current

the date) and longer term (20-50 years from the current date) regarding water quality, in order to inform decision-making.

The short term analysis should include the outcomes any planned expansion/changes/closures to the facility as outlined in the approved Solid Waste Management plan for that facility.

Each scenario in the adaptive management plan shall be associated with a series of specific actions that will be taken if that scenario occurs. Initial actions associated with any scenario may be simple, such as increasing the frequency of water quality monitoring or establishing additional water quality monitoring locations. Subsequent actions may be more complex, such as delineating, containing, reducing, or assessing the risk of the observed contamination. This will likely also involve identification of receptors (such as nearby drinking water wells or surface water bodies).

Please see the guidance document associated with this protocol for an example.

More advanced actions associated with adaptive management generally fall under the following categories:

- 1) Source Control – The purpose of source control is to reduce or eliminate the source of the observed contamination. Examples of source control include:
 - a. Banning certain types of material from the facility;
 - b. Repairing or installing liners;
 - c. For a solid waste disposal facility, ensuring that completed cells are properly capped and contoured; and
 - d. For a solid waste disposal facility, excavating the offending material.
- 2) Monitored Natural Attenuation – Natural attenuation refers to physical, chemical, or biological processes, occurring without human intervention, that act to reduce the concentration of contaminants in soil or groundwater. Monitored natural attenuation (MNA) is a controlled approach to site remediation in which natural attenuation processes are used to achieve compliance with the generic numerical water standards in the CSR within a reasonable timeframe. It is frequently combined with source control measures. MNA must be conducted in accordance with CSR Protocol 8. In particular, MNA shall only be used at sites where a quantitative risk assessment has been conducted unless otherwise authorized by the Standards & Approvals section of the Environmental Programs Branch, the CSR, or another Protocol approved under section 21(1) of the CSR.
- 3) Plume Containment – The aim of plume containment is to prevent contaminants from migrating and impacting potential receptors. Containment may be achieved with physical methods (e.g., caps, sheet piles, slurry walls, grouted barriers), hydraulic methods (e.g., extraction wells, injection wells, subsurface drains), or a combination thereof.

- 4) In-Situ Restoration – In-situ restoration involves taking action to reduce contamination without extracting the groundwater or surface water. Examples of in-situ restoration include:
- a. Addition of microorganisms and/or nutrients to promote natural degradation of contaminants;
 - b. Permeable reactive barriers;
 - c. Thermal desorption;
 - d. Vapour extraction; and
 - e. pH control.
- 5) Ex-Situ Restoration – Ex-situ restoration (commonly referred to as “pump and treat”) involves removing the affected water and treating it. The treated water can potentially be injected to an aquifer or discharged to a surface water body or sewer system.

The actions proposed in an adaptive management plan must reflect site-specific considerations, including the concentration and types of contaminants observed, the known extent of contamination, the groundwater flow speed and direction, and the distance to receptors. If remedial options are proposed, the plan must compare the different remedial options considered and describe how the contaminants of concern are expected to respond to each proposed remedial option.

An adaptive management plan must also describe how progress will be measured, including water quality monitoring locations and sampling frequency and the statistical methods that will be used to analyse the data gathered.

Please be aware that some activities under an adaptive management plan may trigger an assessment under the *Yukon Environmental and Socio-economic Assessment Act*.

7.0 Adaptive Management Plan Approval

An adaptive management plan must be prepared by a qualified professional. The timeline for submission of the adaptive management plan will be identified in writing by an Environmental Protection Analyst when notice is issued that a plan is required in accordance with sections 3.0, 4.0 and 5.0 of this protocol.

The permit holder must incorporate any changes to the adaptive management plan as requested by an Environmental Protection Analyst and implement the adaptive management plan as of the approval date. The permit holder must not undertake any of the actions described in the adaptive management plan prior to the plan being approved, with the exception of additional water quality monitoring. If some actions in the proposed adaptive management plan should be undertaken immediately (for example, an emergency or spill containment), the permit holder must notify an Environmental Protection Analyst in writing.

If an environmental protection analyst requests, in writing and with reasons, that an approved adaptive management plan be amended, the permit holder must prepare the required amendment and submit the revised adaptive management plan for approval to an environmental protection analyst within the period specified in the analyst's request.

8.0 Effective Date

This version replaces previous versions of this protocol. The effective date of this protocol shall be September 20, 2019 and it shall remain in effect until replaced or rescinded by the Environmental Programs Branch.

9.0 Additional Information

For more information on contaminated sites, please contact:

Environmental Programs Branch (V-8)
Department of Environment
Government of Yukon
Box 2703, Whitehorse, YT Y1A 2C6

T: 867-667-5683 or
1-800-661-0408 ext. 5683
F: 867-393-6205
E: envprot@gov.yk.ca

Approved:

Date: September 20, 2019



Bryna Cable
Director, Environmental Programs Branch
Department of Environment

Technical guidance for adaptive management – Protocol 13

September 2019



Technical guidance for use of Protocol 13 of the Contaminated Sites Regulations of the Environment Act at solid waste disposal facilities

This guidance document provides additional information to operators of solid waste facilities, in support of the requirements identified in [Protocol 13](#). This guidance document does not supersede the *Environment Act*, its regulations or its protocols. It does not list all provisions relating to contaminated sites. If there are any differences or omissions in this guidance document, the Act and regulations apply.

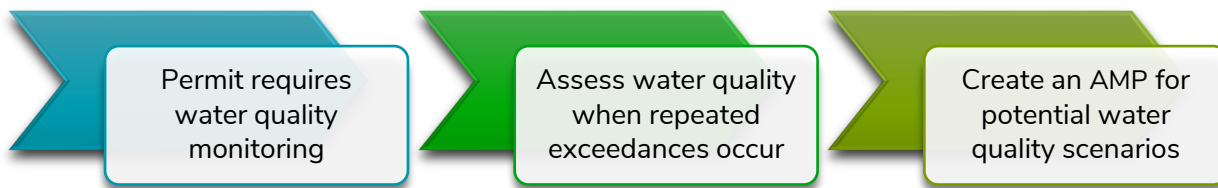
In accordance with Section 21(1) of the *Contaminated Sites Regulation*, O.I.C. 2002/171 (CSR), Protocol 13 was designed to ensure consistency in approaches to identifying and responding to impacts from activities that may adversely affect water quality, including the operation of a solid waste disposal facility.

This guidance document can assist in the development of an Adaptive Management Plan (AMP) in the event that one is required under Protocol 13

What is Adaptive Management?

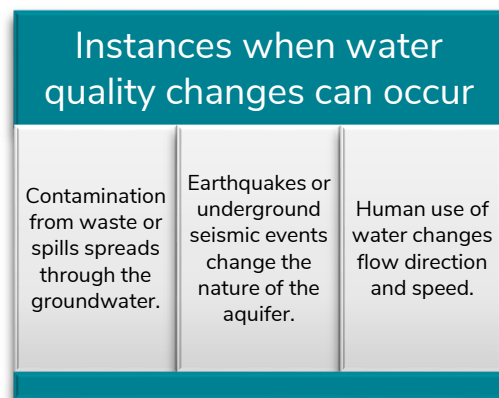
Adaptive Management is the process of planning a response to circumstances or events that may not be fully predictable or expected. Adaptive Management identifies, in advance, actions that must be taken in order to gather information and respond appropriately.

How does Adaptive Management relate to permitted facilities?



Solid waste disposal facility permittees must develop an AMP if there is evidence of any contamination at a concentration equal to or greater than the applicable water quality standards specified in the CSR for a sustained period of time.

All solid waste disposal facilities, some modified transfer stations and all land treatment facilities that accept highly contaminated material or have a capacity to hold 3,000 m³ of contaminated material or greater are required to complete a hydrogeological assessment and conduct ongoing groundwater monitoring as per the conditions of their permits issued under the *Environment Act*. Ongoing monitoring of groundwater is required to identify potential impacts to water quality that may pose a potential risk to human health and/or to the environment.



Despite frequent monitoring, water quality has the potential to change based on a number of factors (see box to the left). By creating an AMP, proper responses to these potential changes can be planned in advance. Whether water quality stays the same, improves, or degrades, pre-planned responses to potential water quality scenarios prepare permittees for unforeseen circumstances that may arise in the future.

Why is it important to monitor water quality?

The monitoring of surface and groundwater quality at solid waste disposal sites is an important component of managing potential human health and environmental risks. Water quality monitoring is conducted to confirm that the receiving environment is not being negatively impacted by facility operations.

Schedule 3 of the CSR contains numerical water quality standards that indicate whether water has been contaminated. When the concentration of regulated contaminants **repeatedly** exceeds CSR water quality standards, solid waste management permits

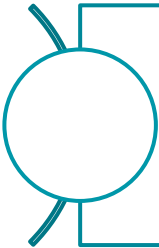
What is the receiving environment? Wells, streams and other sources of water that are meant to be protected from contaminants so they do not pose risks to human health and/or to the environment

direct permittees to develop an AMP. This

plan acts as a follow-up on water quality monitoring and prepares for potential circumstances in which water degrades to the point that it poses a risk to the receiving environment.

Before an AMP can be created, an assessment needs to be completed by a qualified, experienced person such as an environmental consultant. The goal of an assessment is to

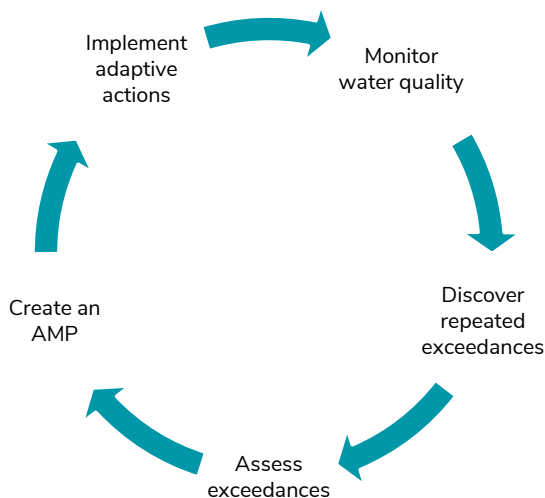
describe the trends in data as they relate to the site's hydrogeology. This assessment will help the facility operator to understand the



A site's hydrogeology is the particular aspects of the groundwater, such as the direction the groundwater is flowing, whether or not it will reach sensitive receptors like streams or wells, and if so, how much time it will take to reach them.

nature of the exceedance(s) to evaluate whether or not the exceedance(s) pose(s) a risk to human health and/or to the environment. Once an assessment is conducted, it will then be used to determine what actions (if any) are needed to mitigate potential risks to nearby receptors.

When is an Adaptive Management Plan required?



An AMP is required if one of the following triggers occurs within any groundwater monitoring well or surface water body affected by the facility:

- exceedances of a contaminant in four consecutive bi-annual sampling events;
- exceedances of a contaminant in five out of six bi-annual sampling events; or
- three seasonally-consecutive exceedances (e.g. three spring exceedances in a three-year period or three fall exceedances in a three-year period).

When is an Adaptive Management Plan not required?

An AMP is not required if:

- the contamination observed is caused by a source other than the permitted activity; or
- the contamination observed is consistent with local, natural background water quality (based on analysis of upgradient or local area water quality).

For example, some areas of Yukon are naturally high in metals concentrations. Common metals include cadmium, manganese, iron, zinc and arsenic. If concentrations of these metals are from naturally occurring sources, they will be elevated in the upgradient and downgradient wells and likely in other wells from other nearby facilities. In another example, if there is a facility such as a mine or contaminated site near the facility, it is possible that contaminants would migrate onto the site.

In both these cases, the permittee may not be required to submit an AMP. However, the rationale for these exemptions must be submitted to an environmental protection analyst for review. The analyst will then determine whether or not an AMP is required.

What goes into an Adaptive Management Plan?

If an AMP is required, then the plan must describe the current water quality conditions at the site and predict a number of possible future scenarios. Each scenario in an AMP shall be associated with a series of specific actions that will be taken if that scenario occurs.

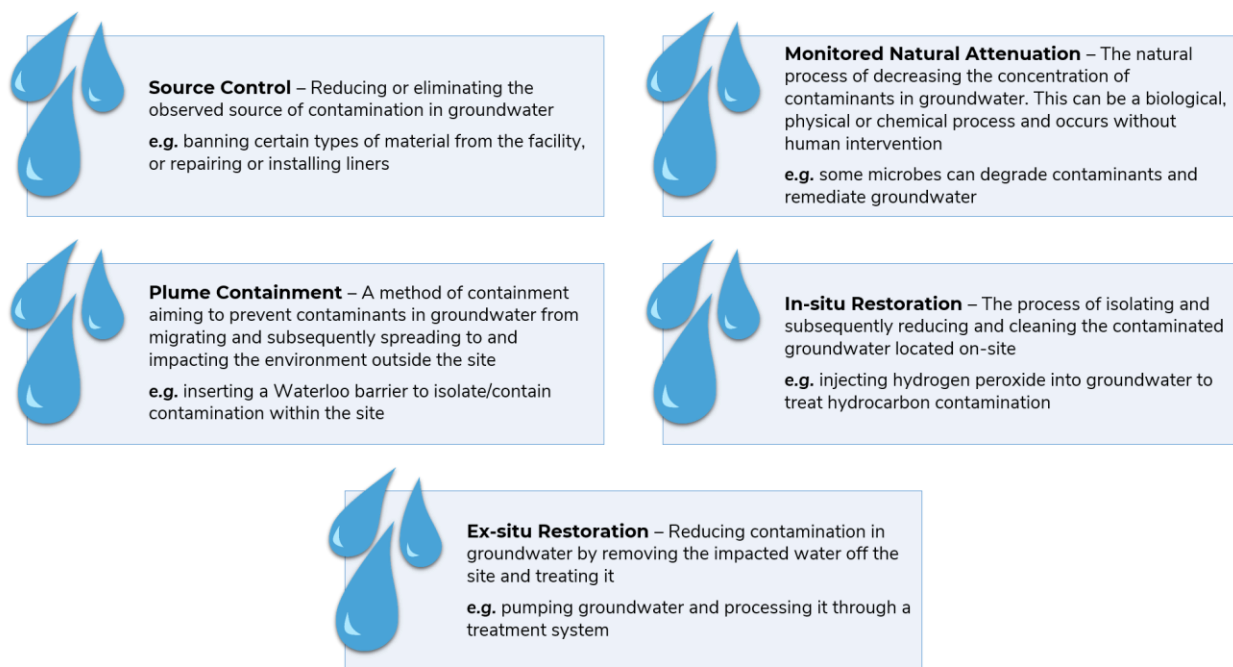
Scenarios need to be created for both short-term (5 to 10 years from the current date) and longer-term (20 to 50 years from the current date) water quality outcomes.

The short-term analysis should include any planned expansion, changes and closures to the facility as outlined in the approved Solid Waste Management Plan. This plan outlines new cells, planned closure of cells, monitoring, and other operational changes. These changes may be relevant when predicting short-term water quality scenarios.

Initial actions associated with any scenario may be simple, such as increasing the frequency of water quality monitoring or establishing additional water quality monitoring locations.

Subsequent actions may be more complex, such as delineating, containing or assessing the risk of the observed contamination.

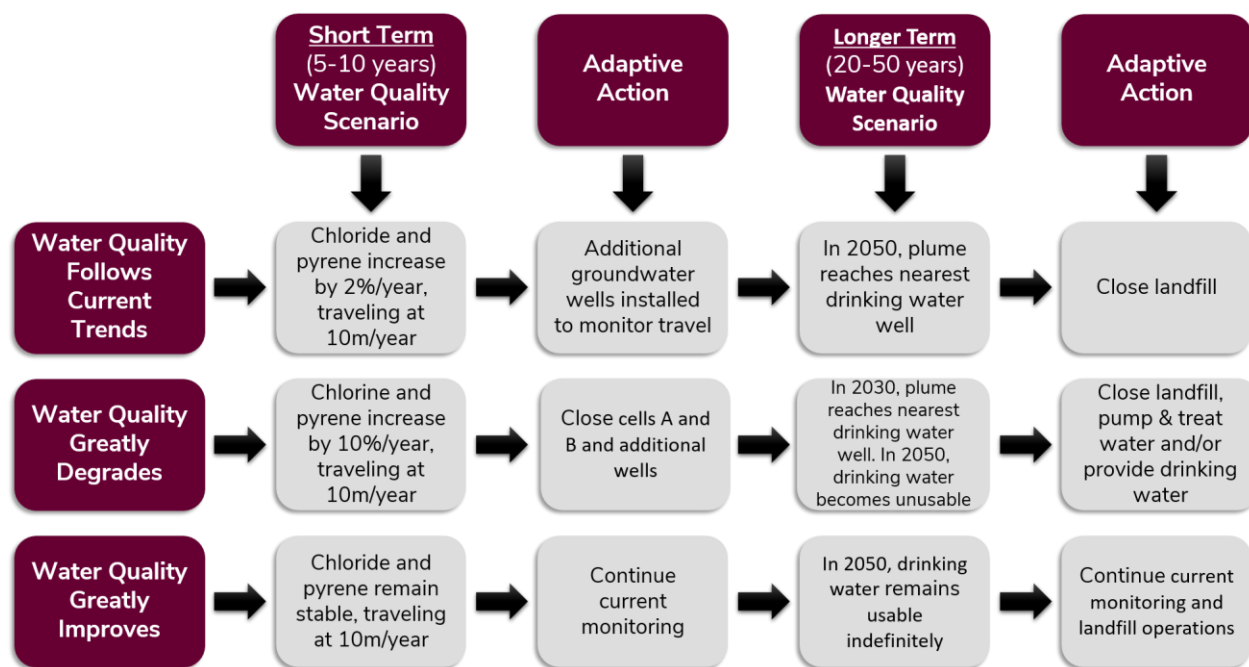
Advanced actions associated with adaptive management fall under the following categories:



See Protocol 13, pgs.4-5 for more details on each of these categories

What does a sample Adaptive Management Plan look like?

Below is a graphic of short-term and long-term scenarios and actions for a hypothetical solid waste facility. This facility is finding exceedances of pyrene and chlorine in groundwater wells downgradient of the facility and, in response, developed an AMP using information about groundwater speed and direction from their hydrogeological assessment. The plan considers whether the current contamination will improve, worsen, or stay stable.



This example sets out adaptive actions to the potential scenarios in which water quality at the site stays the same, improves or degrades. In each of these cases, the AMP considers and describes how contaminants of concern are expected to respond to each proposed adaptive action. A plan may identify multiple actions associated with each scenario.

In addition, an AMP must also describe how progress will be measured, including water quality monitoring locations and sampling frequency, as well as the statistical methods used to analyze the data gathered. This may mean more sampling than is currently required in a solid waste facility permit.

Another valid form of an AMP can take is of a quantitative human health and ecological risk assessment. This type of AMP would look quite different from the example shown above. For more information on risk assessments, please see [Protocol 12](#), issued pursuant to the CSR.

What happens once an Adaptive Management Plan has been submitted?

Implement adaptive management activities **only** when the AMP has been approved, except when actions are needed to respond to an emergency

The permittee must not undertake any of the actions described in the AMP before the plan is approved unless there is an emergency. This enables an analyst to determine the extent to which actions will be effective to manage human health and environmental risks prior to making any major capital, operational or

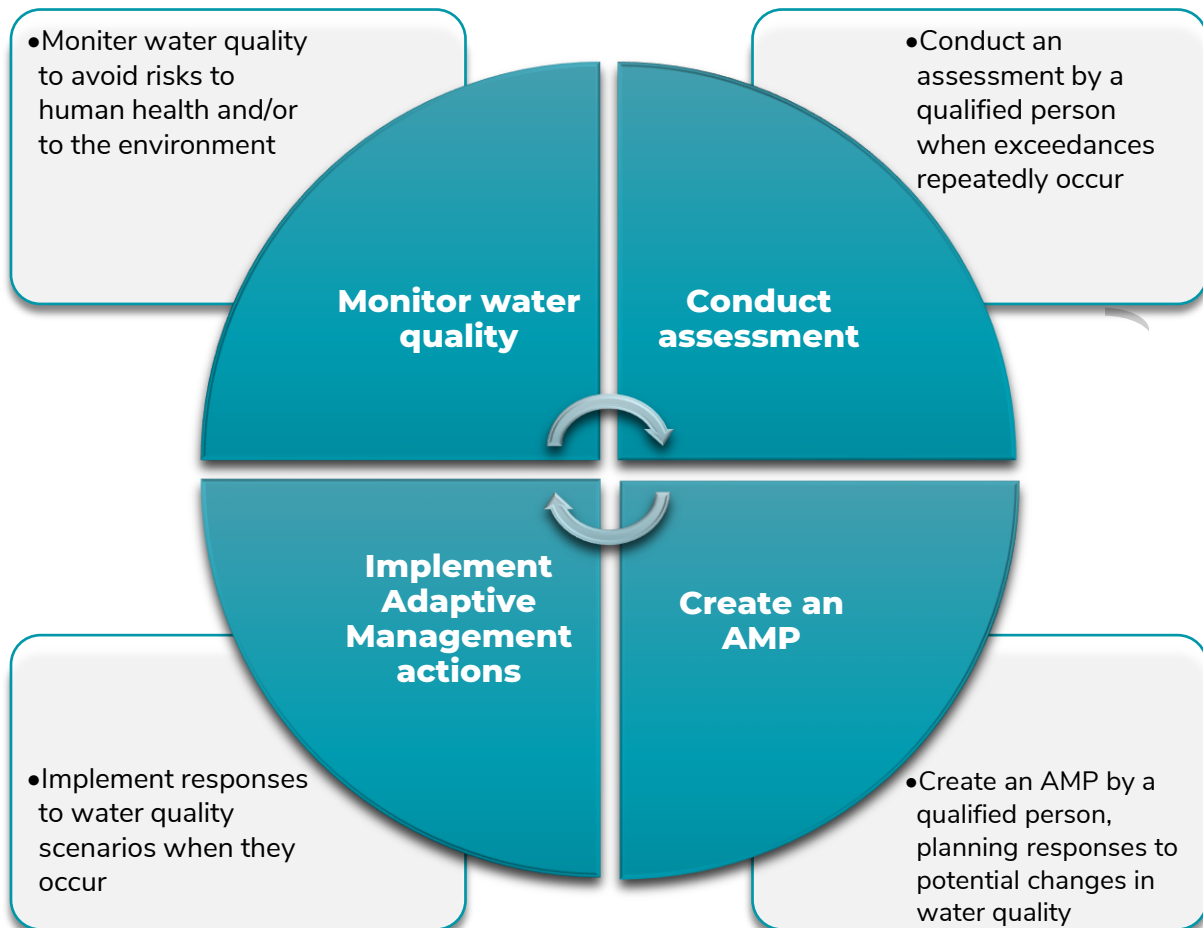
infrastructural decisions. Once approved, the permittee must incorporate any changes to the AMP as requested by an environmental protection analyst and implement the AMP on the approval date, with the exception of additional water quality monitoring. If some actions in the proposed AMP should be undertaken immediately, then the permittee must first obtain permission from an environmental protection analyst for that portion of the plan prior to the entire plan being approved.

Additionally, if an environmental protection analyst requests, in writing and with reasons, that an approved AMP be amended, then the permittee must prepare the required amendment and submit the revised AMP for approval to an environmental protection analyst within the period specified in the analyst's request.

Why does a permittee need to be familiar with an Adaptive Management Plan?

While an assessment and an AMP must be completed by a qualified professional, it is still important for the permittee to be familiar with both processes. An AMP helps the permittee (and potentially, local citizens and local decision-makers) to evaluate the short-term and long-term impacts on water quality, and what actions can be taken to manage and reduce any risks from contamination to humans and the environment. It also allows the permittee to identify

whether or not operational changes at the site (e.g., opening or closing certain cells, or changing the type of waste that is disposed of) would help reduce the movement of contamination.



* Note that some activities under an AMP may trigger an assessment under the Yukon Environmental and Socio-economic Assessment Act.

For further information:

[Yukon.ca/en/doing-business/managing-contaminated-site](https://yukon.ca/en/doing-business/managing-contaminated-site)

[Yukon.ca/en/protocol-no-13-adaptive-management](https://yukon.ca/en/protocol-no-13-adaptive-management)



PO Box 2703, Whitehorse, Yukon Y1A 2C6

July 9, 2019

Mark Dauphinee
Public Works Superintendent
City of Dawson
1336 Front Street
PO Box 308
Dawson City, YT Y0B 1G0

Email: pwmanager@cityofdawson.ca

Dear Mark:

Re: Groundwater Exceedances at Solid Waste Disposal Facility – Permit #80-003

As discussed with you recently, this letter is to provide information to you regarding groundwater exceedances at your Solid Waste Disposal Facility (SWDF) permit (80-003) and outline Adaptive Management actions that should be developed from here.

Part 8.10 of your permit stipulates that solid waste disposal facility permit holders must develop an adaptive management plan if there is evidence of any contaminant at a concentration equal to or greater than the appropriate generic numerical water standards specified in the CSR for a sustained period which include:

- Exceedances of a parameter in four consecutive bi-annual sampling events;
- Exceedances of a parameter in five out of six bi-annual sampling events; or
- Three seasonally-consecutive exceedances (e.g. three spring exceedances in a three year period or three fall exceedances in three year period).

Table One attached to this letter highlights the parameters at your facility which have currently triggered Protocol 13 and the date range where this data appears. Table Two attached to this letter highlights parameters which at this time have not triggered Protocol 13 but are demonstrating an increasing trend which may be a concern in the future.

Adaptive management is the process of planning a response to circumstances or events that may not been fully predictable or expected. In accordance with Section 21(1) of the Contaminated Sites Regulation, Protocol 13 - Adaptive Management has been designed to ensure a consistent approach to identify and respond to impacts from activities that may adversely impact water quality, including the operation of a solid waste disposal facility. A copy of Protocol 13 is attached to this letter to provide you with more information.

.../2

Mark Dauphinee
Page 2
July 7, 2019

In our recent discussions we have identified that Protocol 13 needs to be updated with more guidance on how to proceed with adaptive management given that it will be a multi-phased project. These phases will include initial assessment and recommendations followed by further data gathering and outcomes scenarios. We will proceed with updates to the Protocol in the coming months and provide you with an updated version once the revisions are finished.

For the Quigley Landfill in particular, it is understood that there is the potential for some of the exceeded parameters which have triggered Protocol 13 to be sourced from an up gradient source or a result of pre-existing, naturally elevated background concentrations. An up-gradient well has not been established at the City of Dawson facility, which makes background comparisons not possible. We request that City of Dawson engage a qualified professional to initiate an Adaptive Management Plan by August 1, 2019.

If, at any time during the adaptive management process, you require clarification, guidance or additional information please contact me by email or the number below.

Regards,



Bryna Cable
Director of Environmental Programs Branch
Department of Environment
Phone: 867-667-8177

Attachments: Tables with exceedances and parameters of concern
Copy of Protocol 13

cc: Dave Albisser, Director, Operations Branch, Department of Community Services

Report to Council



☒ For Council Decision ☐ For Council Direction ☐ For Council Information

☐ In Camera

SUBJECT:	Official Community Plan and Zoning Bylaw Amendment #19-149	
PREPARED BY:	Clarissa Huffman, CDO	ATTACHMENTS: Application and Supporting Documentation
DATE:	November 29, 2019	
RELEVANT BYLAWS / POLICY / LEGISLATION: Municipal Act Official Community Plan Zoning Bylaw		

RECOMMENDATION

It is respectfully recommended that Council:

1. Pass First Reading of Official Community Plan Amendment No. 3 to amend the Class 1 notification area outside Infill Area 3 from Future Planning and Parks and Natural Space to Industrial.
2. Pass First Reading of Zoning Bylaw Amendment No. 6 to amend the Class 1 notification area outside Infill Area 3 from Future Planning and Parks and Natural Space to Industrial.
3. Third and Final Reading of the OCPA and ZBA above are subject to the following conditions:
 - 3.1. The applicant submit a copy of the Class 1 notification application as part of the public amendment assessment package prior to a public hearing.
 - 3.2. Prior to 3rd reading, the applicant and the City of Dawson enter into a legally binding agreement to relinquish access to claims currently located in a Future Planning zone after an agreed-upon amount of time.

ISSUE

An application has been submitted to amend a large portion of Future Planning and Parks and Natural Space designated lands to Industrial to facilitate mineral development.

BACKGROUND SUMMARY

The applicant submitted a development permit application for Class 1 exploration activities in September 2019, which was denied due to incorrect zoning. The applicant was advised that the next steps in the process would be to either appeal the decision or submit an amendment application. The applicant decided to pursue an amendment. The recommendation was approved by Committee of the Whole to amend the Class 1 notification area outside Infill Area 3 from Future Planning and Parks and Natural Space to Industrial, subject to the conditions noted in Recommendation 3 above.

ANALYSIS / DISCUSSION

Council requested information on how much of the claim is being removed from the amendment to facilitate the development of Infill Area 3. Based on rough calculations, it appears that the crossover area between the Class 1 Notification Area and Infill Area 3 (the area not being recommended for rezoning is

approximately 1.6%. This means that once the proponent and the City of Dawson agree to a length of time for mineral development, the claim owner will be permitted to mine approximately 98.4% of the claim block during that time.

Further, administration will be working with the legal team on retainer to develop an agreement that is legally binding and will inquire as to what the precedent for action is in other cases with respect to portions of claims that are not approved for rezoning.

APPROVAL		
NAME:	Cory Bellmore, CAO	SIGNATURE:
DATE:		



THE CITY OF DAWSON

Official Community Plan Amendment No. 3 Bylaw

Bylaw No. 2019-16

WHEREAS section 265 of the Municipal Act, RSY 2002, c. 154, and amendments thereto, provides that a council may pass bylaws for municipal purposes.

WHEREAS section 278 of the Municipal Act, RSY 2002, c. 154, and amendments thereto, provides that a council must, within three years of formation or alteration of municipal boundaries, adopt or amend by bylaw an official community plan.

WHEREAS section 285 of the Municipal Act, RSY 2002, c. 154, and amendments thereto, provides that an official community plan may be amended, so long as the amendment is made in accordance with the same procedure established for adoption of an official community plan.

THEREFORE, pursuant to the provisions of the *Municipal Act* of the Yukon, the council of the City of Dawson, in open meeting assembled, **ENACT AS FOLLOWS:**

PART I - INTERPRETATION

1.00 Short Title

This bylaw may be cited as the ***OCP Amendment No. 3 Bylaw***

2.00 Purpose

2.01 The purpose of this bylaw is to provide for

- (a) A re-designation of lands from Parks and Greenspace and Future Planning to Mixed Use.



THE CITY OF DAWSON

Official Community Plan Amendment No. 3 Bylaw

Bylaw No. 2019-16

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THE CITY OF DAWSON

Official Community Plan Amendment No. 3 Bylaw

Bylaw No. 2019-16

3.00 Definitions

3.01 In this Bylaw:

- (a) Unless expressly provided for elsewhere within this bylaw the provisions of the *Interpretations Act*, RSY 2002, c. 125, shall apply;
- (b) "Bylaw Enforcement Officer" means a person employed by the City of Dawson to enforce bylaws;
- (c) "CAO" means the Chief Administrative Officer for the City of Dawson;
- (d) "city" means the City of Dawson;
- (e) "council" means the Council of the City of Dawson;

PART II – APPLICATION

4.00 Amendment

- 4.01 This bylaw re-designates a portion of the Class 1 Notification Area from Future Planning to Mixed Use, as shown in Appendix 1.
- 4.02 This bylaw re-designates a portion of the Class 1 Notification Area from Parks and Greenspace to Mixed Use, as shown in Appendix 1.

PART III – FORCE AND EFFECT

5.00 Severability

- 5.01 If any section, subsection, sentence, clause or phrase of this bylaw is for any reason held to be invalid by the decision of a court of competent jurisdiction, the invalid portion shall be severed and the part that is invalid shall not affect the validity of the remainder unless the court makes an order to the contrary.



THE CITY OF DAWSON

Official Community Plan Amendment No. 3 Bylaw

Bylaw No. 2019-16

6.00 Enactment

6.01 This bylaw shall come into force on the day of the passing by Council of the third and final reading.

7.00 Bylaw Readings

Readings	Date of Reading
FIRST	December 4, 2019
PUBLIC HEARING	
SECOND	
THIRD and FINAL	

Original signed by

Name of Presiding Officer, Title

Presiding Officer

Name of CAO (or designate), Title

Chief Administrative Officer



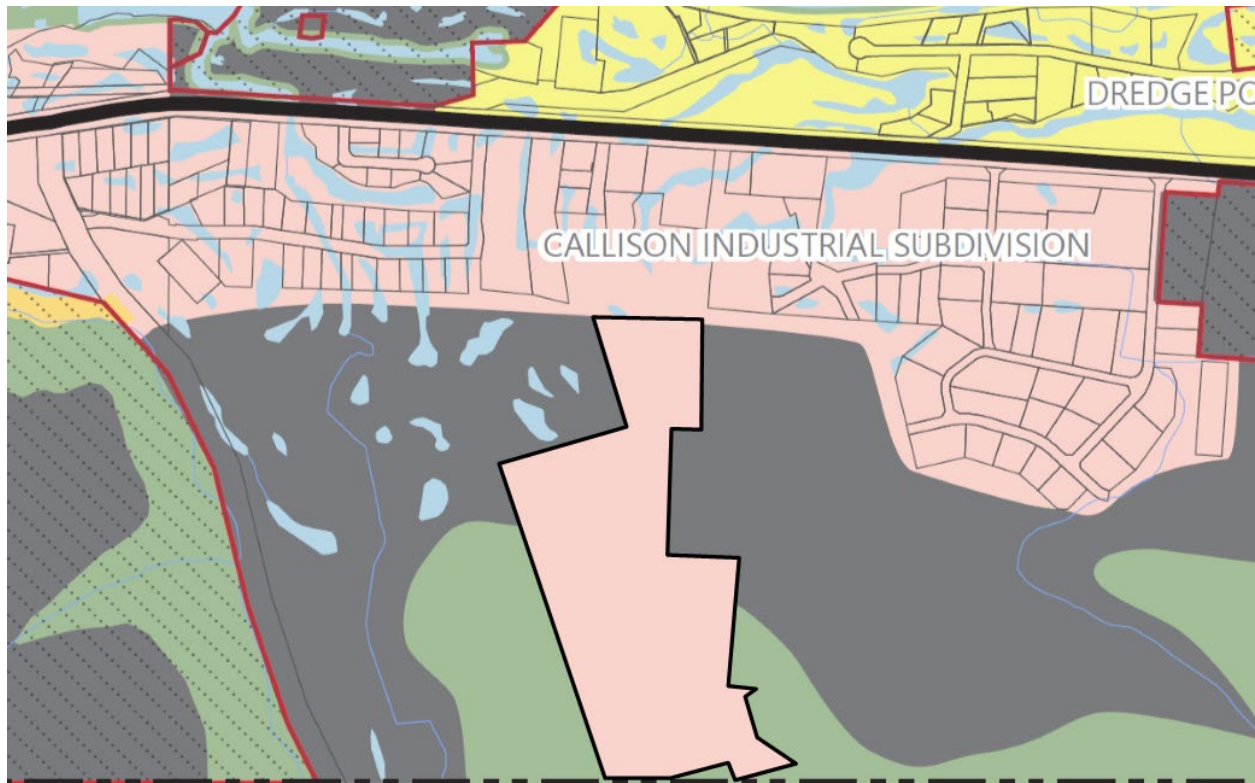
THE CITY OF DAWSON

Official Community Plan Amendment No. 3 Bylaw

Bylaw No. 2019-16

8.00 Appendices

Appendix 1. Class 1 Notification Area to be amended





THE CITY OF DAWSON

Zoning Bylaw Amendment No. 6 Bylaw

Bylaw No. 2019-17

WHEREAS section 265 of the Municipal Act, RSY 2002, c. 154, and amendments thereto, provides that a council may pass bylaws for municipal purposes.

WHEREAS section 288 of the Municipal Act, RSY 2002, c. 154, and amendments thereto, provides that a council, within two years after the adoption of an official community plan, or as soon as is practicable after the adoption of an amendment to an official community plan, a council must adopt a zoning bylaw.

WHEREAS section 288 of the Municipal Act, RSY 2002, c. 154, and amendments thereto, provides that no person shall carry out any development that is contrary to or at variance with a zoning bylaw.

THEREFORE, pursuant to the provisions of the *Municipal Act* of the Yukon, the council of the City of Dawson, in open meeting assembled, **ENACT AS FOLLOWS:**

PART I - INTERPRETATION

1.00 Short Title

This bylaw may be cited as the **Zoning Amendment No. 6 Bylaw**

2.00 Purpose

2.01 The purpose of this bylaw is to provide for

- (a) A re-zoning of lands from Parks and Greenspace and Future Planning to Industrial.



THE CITY OF DAWSON

Zoning Bylaw Amendment No. 6 Bylaw

Bylaw No. 2019-17

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THE CITY OF DAWSON

Zoning Bylaw Amendment No. 6 Bylaw

Bylaw No. 2019-17

3.00 Definitions

3.01 In this Bylaw:

- (a) Unless expressly provided for elsewhere within this bylaw the provisions of the *Interpretations Act*, RSY 2002, c. 125, shall apply;
- (b) "Bylaw Enforcement Officer" means a person employed by the City of Dawson to enforce bylaws;
- (c) "CAO" means the Chief Administrative Officer for the City of Dawson;
- (d) "city" means the City of Dawson;
- (e) "council" means the Council of the City of Dawson;

PART II – APPLICATION

4.00 Amendment

- 4.01 This bylaw re-zones a portion of the Class 1 Notification area from Future Planning to Industrial, as shown in Appendix 1.
- 4.02 This bylaw re-zones a portion of the Class 1 Notification area from Parks and Greenspace to Industrial, as shown in Appendix 1.

PART III – FORCE AND EFFECT

5.00 Severability

- 5.01 If any section, subsection, sentence, clause or phrase of this bylaw is for any reason held to be invalid by the decision of a court of competent jurisdiction, the invalid portion shall be severed and the part that is invalid shall not affect the validity of the remainder unless the court makes an order to the contrary.



THE CITY OF DAWSON

Zoning Bylaw Amendment No. 6 Bylaw

Bylaw No. 2019-17

6.00 Enactment

6.01 This bylaw shall come into force on the day of the passing by Council of the third and final reading.

7.00 Bylaw Readings

Readings	Date of Reading
FIRST	December 4, 2019
PUBLIC HEARING	
SECOND	
THIRD and FINAL	

Original signed by

Name of Presiding Officer, Title

Presiding Officer

Name of CAO (or designate), Title

Chief Administrative Officer



THE CITY OF DAWSON

Zoning Bylaw Amendment No. 6 Bylaw

Bylaw No. 2019-17

8.00 Appendices

Appendix 1. Class 1 Notification Area to be amended

