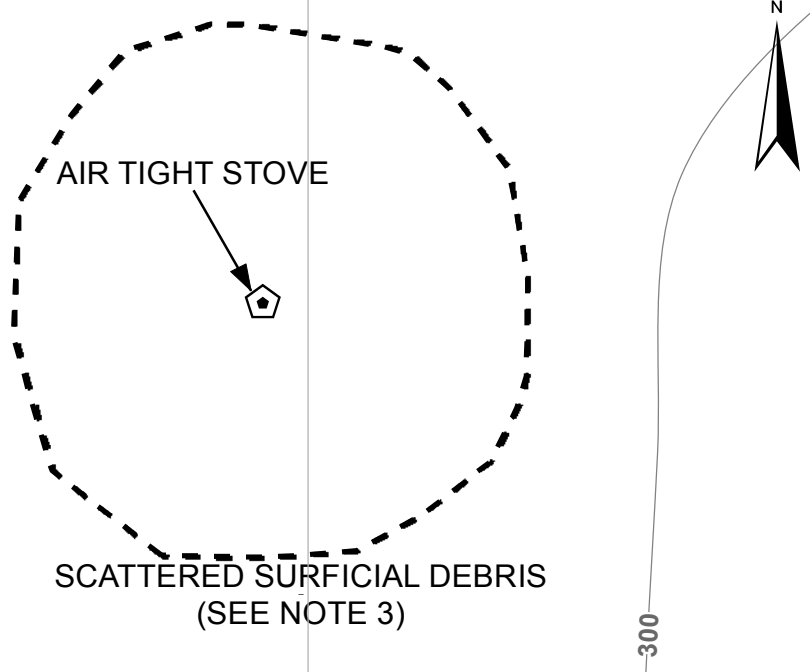


AREAS REQUIRING REMEDIATION						UTM COORDINATES	
AREA NAME	APPROX. AREA (m²)	ESTIMATED DEPTH OF CONTAMINATION (m)	ESTIMATED VOLUME OF EXCAVATION (m³)	CONTAMINANT CLASSIFICATION	DISPOSAL COMMENTS	NORTHING	EASTING
KID_SO_07	988	1.1	1087	CO-MINGLED IMPACTED SOIL	WRSCA	6 982 785	381 571
KID_SO_08	209	0.2	60	METALS IMPACTED SOIL	WRSCA	6 982 809	381 461
KID_SO_09	70	0.2	14	PHC IMPACTED SOIL	LANDFARM	6 982 810	381 502
KID_SO_10	266	0.8	207	PHC IMPACTED SOIL	LANDFARM	6 982 752	381 453
KID_SO_11	1301	0.3	670	CO-MINGLED IMPACTED SOIL	WRSCA	6 982 757	381 498
KID_SO_13	83	0.4	29	CO-MINGLED IMPACTED SOIL	WRSCA	6 982 696	381 515
KID_WR_01	8576	1.5	12596	IMPACTING WASTE ROCK	RE-ORGANIZATION WITHIN WRSCA TO BE CONSTRUCTED AT THIS LOCATION	6 982 769	381 558



IMPACTING WASTE ROCK EXCAVATION AREA (KID_WR_01)		
NO.	NORTHING	EASTING
AE14	6 982 794	381 542
AE15	6 982 808	381 551
AE16	6 982 819	381 546
AE17	6 982 820	381 549
AE18	6 982 814	381 556
AE19	6 982 819	381 556
AE20	6 982 826	381 554
AE21	6 982 825	381 559
AE22	6 982 828	381 563
AE23	6 982 827	381 568
AE24	6 982 832	381 572
AE25	6 982 824	381 582
AE26	6 982 826	381 583
AE27	6 982 830	381 584
AE28	6 982 836	381 586
AE29	6 982 839	381 592
AE30	6 982 843	381 597
AE31	6 982 839	381 605
AE32	6 982 844	381 614
AE33	6 982 844	381 621
AE34	6 982 840	381 620
AE35	6 982 837	381 612
AE36	6 982 829	381 613
AE37	6 982 826	381 621
AE38	6 982 820	381 622
AE39	6 982 820	381 612
AE40	6 982 825	381 608
AE41	6 982 828	381 599
AE42	6 982 826	381 594
AE43	6 982 823	381 604
AE44	6 982 816	381 608
AE45	6 982 810	381 608
AE46	6 982 810	381 602
AE47	6 982 818	381 598
AE48	6 982 805	381 601
AE49	6 982 794	381 603
AE50	6 982 786	381 605
AE51	6 982 779	381 607
AE52	6 982 770	381 608
AE53	6 982 768	381 615
AE54	6 982 757	381 615
AE55	6 982 749	381 613
AE56	6 982 753	381 604
AE57	6 982 760	381 597
AE58	6 982 753	381 597
AE59	6 982 744	381 596
AE60	6 982 734	381 586
AE61	6 982 734	381 572
AE62	6 982 731	381 565
AE63	6 982 714	381 563
AE64	6 982 705	381 559
AE65	6 982 701	381 552
AE66	6 982 695	381 550
AE67	6 982 695	381 543
AE68	6 982 692	381 537
AE69	6 982 693	381 528
AE70	6 982 697	381 521
AE71	6 982 704	381 515
AE72	6 982 708	381 510
AE73	6 982 714	381 506
AE74	6 982 721	381 505
BT1	6 982 726	381 507
BT2	6 982 733	381 511
BT3	6 982 738	381 514
BT4	6 982 741	381 519
BT5	6 982 745	381 522
BT6	6 982 750	381 523
BT7	6 982 755	381 523
BT8	6 982 760	381 525
BT9	6 982 762	381 531
BT10	6 982 761	381 537
BT11	6 982 759	381 541
BT12	6 982 763	381 544
BT13	6 982 770	381 546
BT14	6 982 775	381 547
BT15	6 982 781	381 546
BT16	6 982 785	381 542
BT17	6 982 807	381 551
AE75	6 982 721	381 505

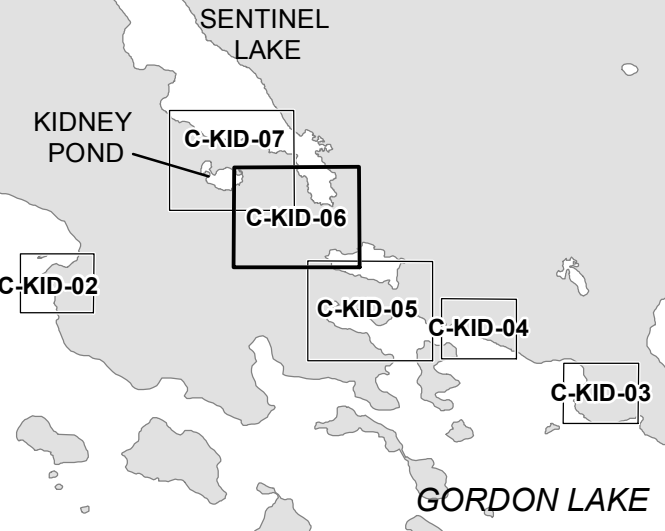
IMPACTED SOIL EXCAVATION AREA (KID_SO_08)		
NO.	NORTHING	EASTING
AG1	6 982 813	381 468
AG2	6 982 805	381 471
AG3	6 982 803	381 461
AG4	6 982 804	381 453
AG5	6 982 811	381 452
AG6	6 982 816	381 459

IMPACTED SOIL EXCAVATION AREA (KID_SO_09)		
NO.	NORTHING	EASTING
AG7	6 982 815	381 501
AG8	6 982 810	381 507
AG9	6 982 806	381 502
AG10	6 982 810	381 497

IMPACTED SOIL EXCAVATION AREA (KID_SO_10)		
NO.	NORTHING	EASTING
AF1	6 982 764	381 464
AF2	6 982 756	381 463
AF3	6 982 751	381 459
AF4	6 982 744	381 451
AF5	6 982 737	381 444
AF6	6 982 739	381 439
AF7	6 982 745	381 446
AF8	6 982 747	381 445
AF9	6 982 752	381 443
AF10	6 982 756	381 450
AF11	6 982 761	381 457
AF12	6 982 765	381 460

IMPACTED SOIL EXCAVATION AREA (KID_SO_13)		
NO.	NORTHING	EASTING
BW1	6 982 701	381 518
BW2	6 982 701	381 513
BW3	6 982 696	381 511
BW4	6 982 691	381 513
BW5	6 982 692	381 519
BW6	6 982 695	381 521

PRELIMINARY NOT FOR CONSTRUCTION



Legend

- OBSERVED FEATURE - POINT LOCATION
- CONTOURS (10 m)
- TRAIL
- IMPACTING WASTE ROCK
- IMPACTED SOIL
- OUTCROP
- CONCENTRATED AREA OF SCATTERED SURFICIAL DEBRIS
- OBSERVED FEATURE - AERIAL EXTENT
- WET AREA
- WATER BODY

0 10 20 Metres

1:500 (AT ORIGINAL DOCUMENT SIZE OF 22"x34")

- Notes
- ALL COORDINATES ARE REFERENCED TO NAD 83 (CGRS), UTM ZONE 12N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 - ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - SCATTERED SURFICIAL DEBRIS ACROSS THIS AREA INCLUDES NON-HAZARDOUS WASTE INCLUDING BUT NOT LIMITED TO A BURN PIT, CORE RACKS, DRUMS, CRUCIBLES, BLASTING CAPS AND HAZARDOUS WASTE INCLUDING A BATTERY. NON-HAZARDOUS WASTE, INCLUDING AN AIR TIGHT STOVE, IS ANTICIPATED TO BE LOCATED TO THE EAST OF SENTINEL LAKE. SCATTERED SURFICIAL DEBRIS GENERALLY ENCOMPASSES THIS OUTLINED AREA BUT POTENTIALLY INCLUDES DEBRIS OUTSIDE THIS AREA. NO MECHANICAL EQUIPMENT SHALL BE USED TO REMOVE WOOD/DEBRIS FROM THE WATER. WOOD/DEBRIS IN WATERBODIES AT DEPTHS GREATER THAN 0.3M AND/OR GREATER THAN 10M FROM THE SHORELINE SHALL NOT BE REMOVED.
 - NON-HAZARDOUS DEBRIS (OTHER THAN WOOD WASTE) SHALL BE COLLECTED AND COMPACTED PRIOR TO DISPOSAL IN THE WASTE ROCK AND SOIL CONTAMINANT AREA (WRSCA) AS PER TENDER SPECIFICATIONS.
 - WOOD WASTE SHALL BE COLLECTED AND BURNED AS PER TENDER SPECIFICATIONS. ASHES SHALL BE DISPOSED IN THE WRSCA AS PER TENDER SPECIFICATIONS.
 - CORE RACKS SHALL BE DEMOLISHED, COMPACTED OR BURNED (DEPENDENT ON BUILDING MATERIALS. SEE NOTES 4 AND 5 ABOVE) PRIOR TO DISPOSAL AT THE WRSCA AS PER THE TENDER SPECIFICATIONS. ROCK CORES SHALL BE TREATED AS NON-HAZARDOUS MATERIALS (SEE NOTE 4).
 - UNFIRE EXPLOSIVES WILL ONLY BE HANDLED FOLLOWING THE RECOMMENDATION OF AN EXPLOSIVES EXPERT AND AS PER THE TENDER SPECIFICATIONS.
 - BATTERIES SHALL BE PACKAGED AND HANDLED AS PER THE TENDER SPECIFICATIONS PRIOR TO OFF-SITE DISPOSAL AT A LANDFILL APPROVED BY THE DEPARTMENTAL REPRESENTATIVE.
 - DRUMS SHALL BE EMPTIED, CLEANED AND CRUSHED PRIOR TO DISPOSAL IN THE WRSCA AS PER TENDER SPECIFICATIONS.
 - THE PORTAL SHALL BE BACKFILLED AND CAPPED AS PER THE TENDER SPECIFICATIONS.
 - AREAS TO BE EXCAVATED MUST BE FIELD VERIFIED BY THE DEPARTMENTAL REPRESENTATIVE AT A MINIMUM BEFORE EXCAVATION ACTIVITIES BEGIN AND UPON COMPLETION OF EXCAVATION ACTIVITIES. IN MOST CASES THE DEPTH OF EXCAVATION IS BASED ON THE DEPTH TO BEDROCK.
 - METAL AND CO-MINGLED IMPACTED SOIL SHALL BE EXCAVATED AND HANDLED AS PER TENDER SPECIFICATIONS PRIOR TO BEING DISPOSED IN THE WRSCA. BACKFILL EXCAVATION AS PER THE TENDER SPECIFICATIONS.
 - SEE DRAWINGS NO. C-KID-08 TO C-KID-16 FOR DETAILS ON THE WRSCA. THE WASTE ROCK AND SOIL WILL BE RE-ORGANIZED TO CONSTRUCT BERMS AND COVER FOR THE WRSCA AT THIS LOCATION, AS PER TENDER SPECIFICATIONS.
 - THE TRENCHES DO NOT REQUIRE REMEDIAL ACTION.
 - ESTIMATED VOLUMES OF EXCAVATION ACCOUNT FOR CONTINGENCY FACTORS.
 - IMPACTED SOIL EXCAVATIONS SHOULD BE NO CLOSER THAN 10M (TOP OF EXCAVATION SLOPE) TO A WATER BODY.

Revisions	Description	Date
0	ISSUED FOR TENDER	JULY 29 2016
Client / Project		
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA		
GORDON LAKE GROUP REMEDIATION PROJECT		
Drawing		
KIDNEY POND: PORTAL AREA REMEDIATION DETAILS		
Drawn		
J. Woodruff		
Approved		
D. Wilson		
Tender		
M. McElwaine		
PCA Project Manager		
Administrateur de projets PCA		
Project Number		
R. 057573		
Drawing No.		
C-KID-06		