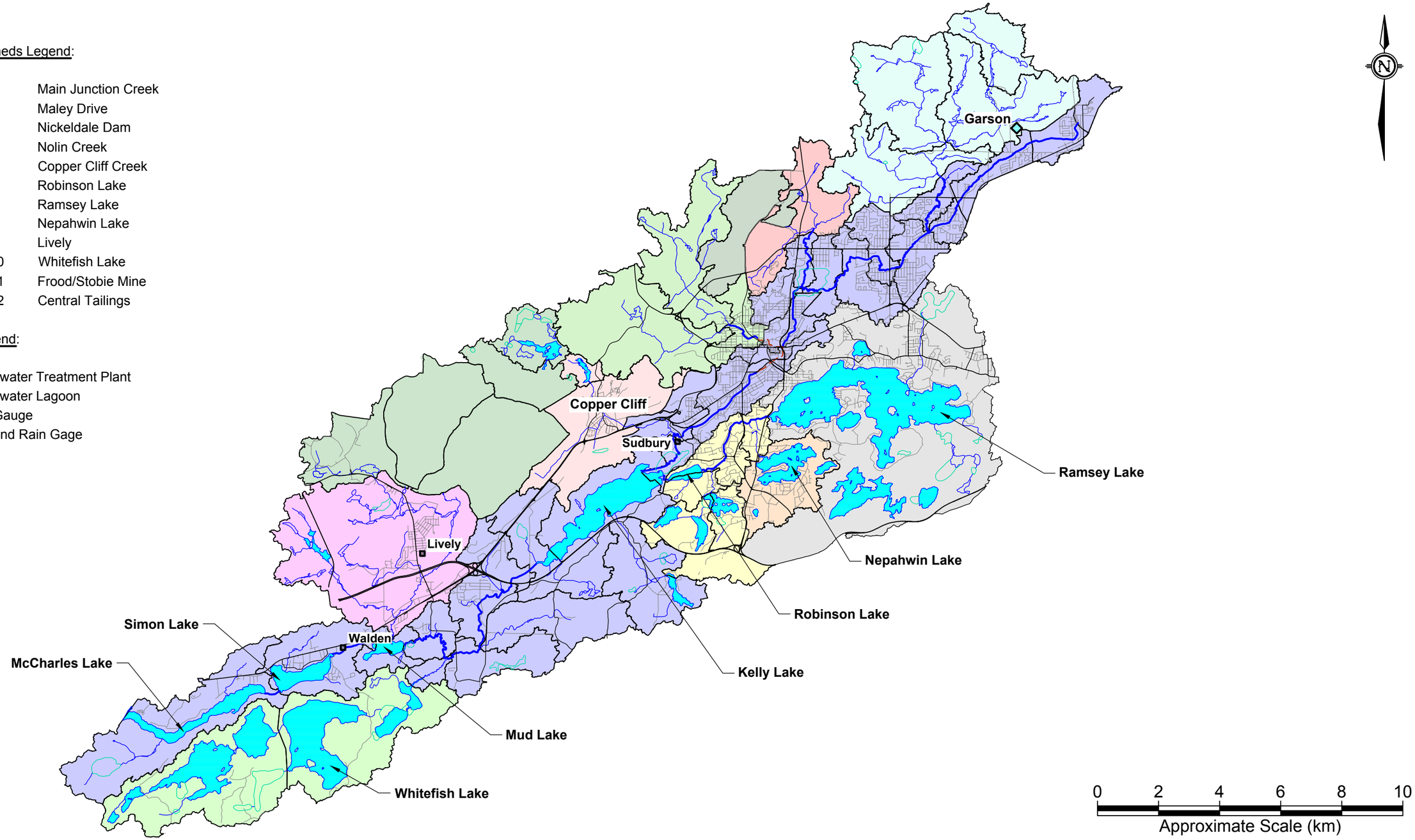
Sub-Watersheds Legend:

- 1 Main Junction Creek
- 2 Maley Drive
- 3 Nickeldale Dam
- 4 Nolin Creek
- 5 Copper Cliff Creek
- 6 Robinson Lake
- 7 Ramsey Lake
- 8 Nepahwin Lake
- 9 Lively
- 10 Whitefish Lake
- 11 Frood/Stobie Mine
- 12 Central Tailings

Symbol Legend:

- Wastewater Treatment Plant
- Wastewater Lagoon
- Flow Gauge
- Flow and Rain Gage



Note:
Land Use shapefiles retrieved from Land Information Ontario (LIO) Digital Data Warehouse.

City of Greater Sudbury

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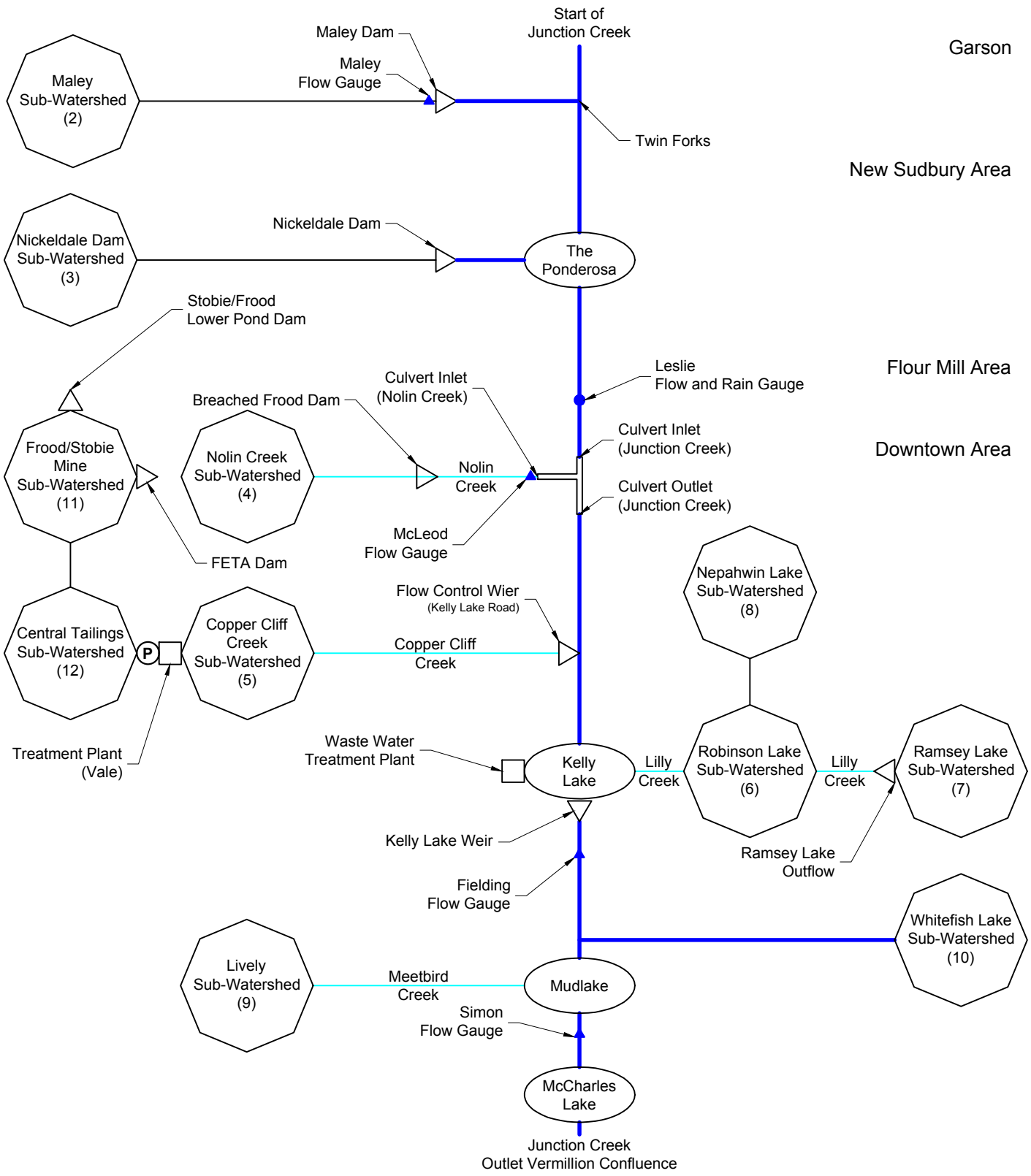
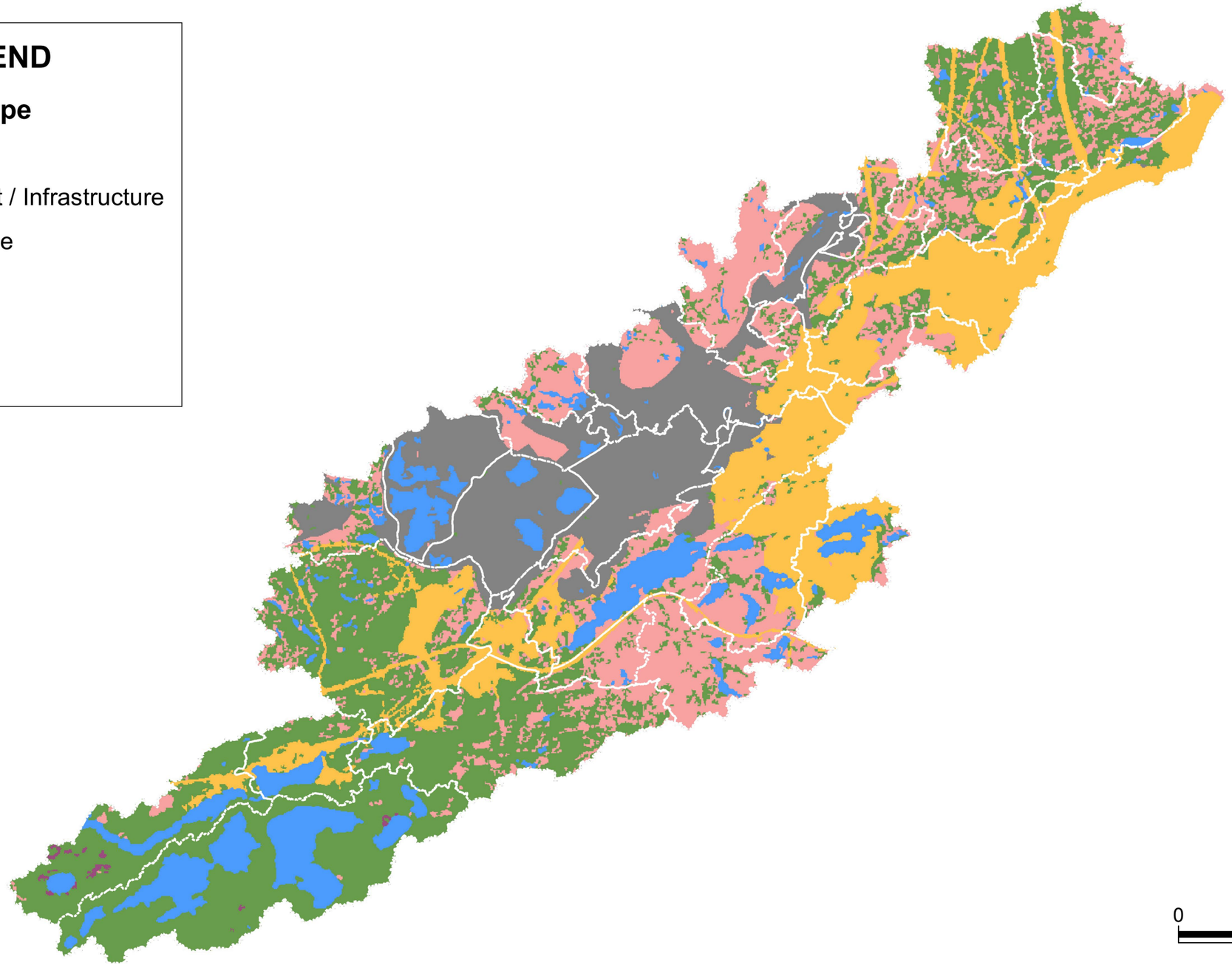
DWN BY:	KKJ
CHK`D BY:	MDOG
SCALE:	as shown
PROJECT	Junction Creek Subwatershed Study City of Greater Sudbury, Ontario
TITLE	Subwatershed Major Delineation
DATE	Dec. 2018
PROJECT No.	TY161021
REV. No.	1
FIGURE No.	C.1



Wood Environment & Infrastructure Solutions 131 Fielding Road Lively, Ontario P3Y 1L7 705-682-2632	wood.	Sudbury Greater Grand	City of Greater Sudbury

PROJECT Junction Creek Subwatershed Study City of Greater Sudbury, Ontario	DWN BY: KKJ	CHK'D BY: MDOG	DATE: Dec 2018 PROJECT NO: TY161021
TITLE Subwatershed Flow Schematic	REV. NO.: 1	SCALE: not ot scale	FIGURE NO: C.2



LEGEND

Land Cover Type

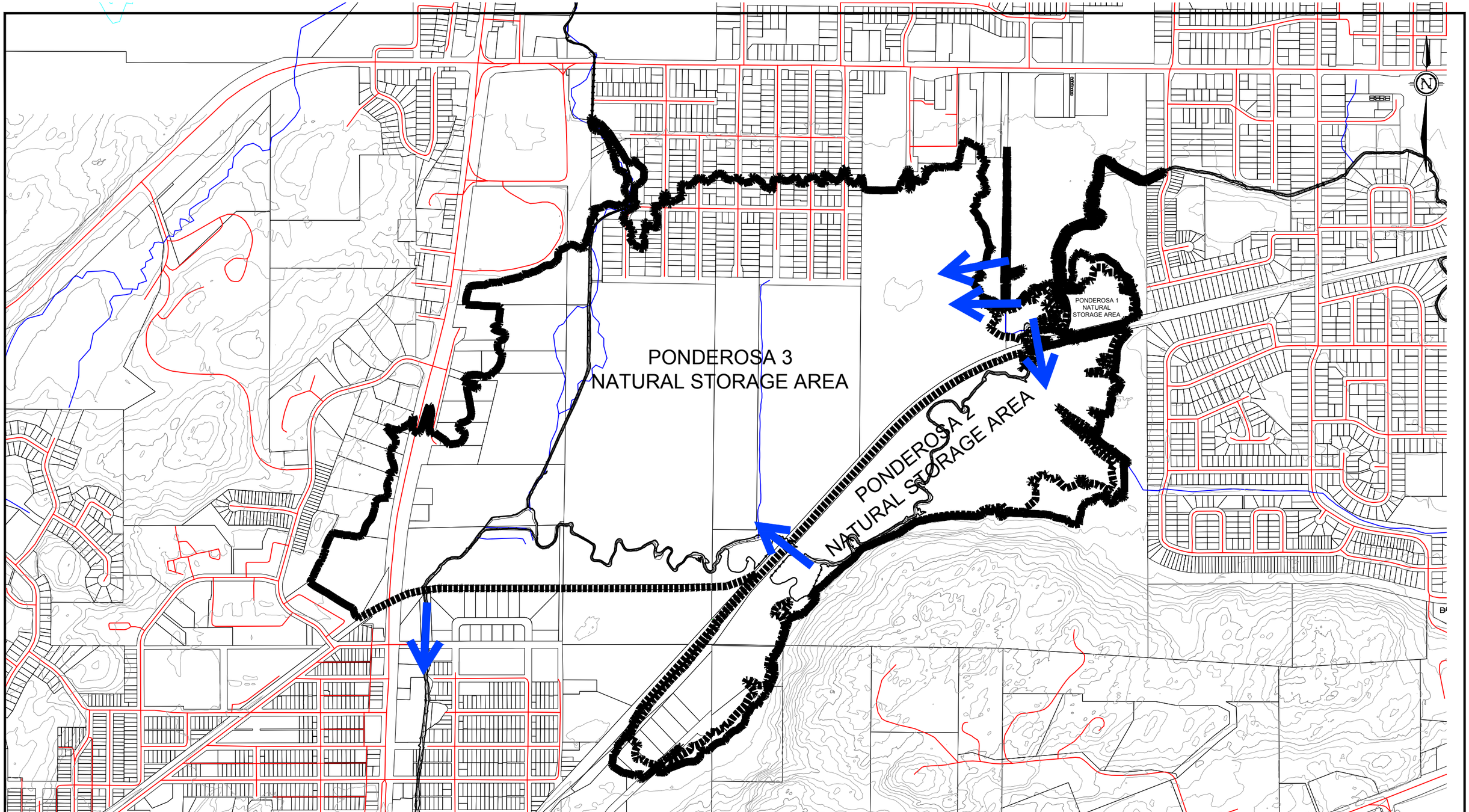
- Water
- Settlement / Infrastructure
- Mine Waste
- Bedrock
- Forest
- Bog

0 2 4 6 8 10

Approximate Scale (km)

Note:
Land Use shapefiles retrieved from Land Information Ontario (LIO) Digital Data Warehouse.

Sudbury Greater Grand	City of Greater Sudbury	DWN BY: KKJ	PROJECT: Junction Creek Subwatershed Study, City of Greater Sudbury, Ontario
		CHK'D BY: MDOG	DATE: Dec. 2018
			PROJECT No. TY161021
Wood Environment & Infrastructure Solutions, 131 Fielding Road, Lively, Ontario, P3Y 1L7, 705-682-2632	wood.	SCALE: not to scale	TITLE: Subwatershed Land Cover
			REV. No. 1
			FIGURE No. C.3



ROAD
LOT LINE
WATERCOURSE & WATERBODY
MINOR CONTOUR (2m)
MAJOR CONTOUR (10m)
BOUNDARY OF CONCEPTUAL HYDRAULIC STORAGE AREA
CONCEPTUAL MOVEMENT OF WATER

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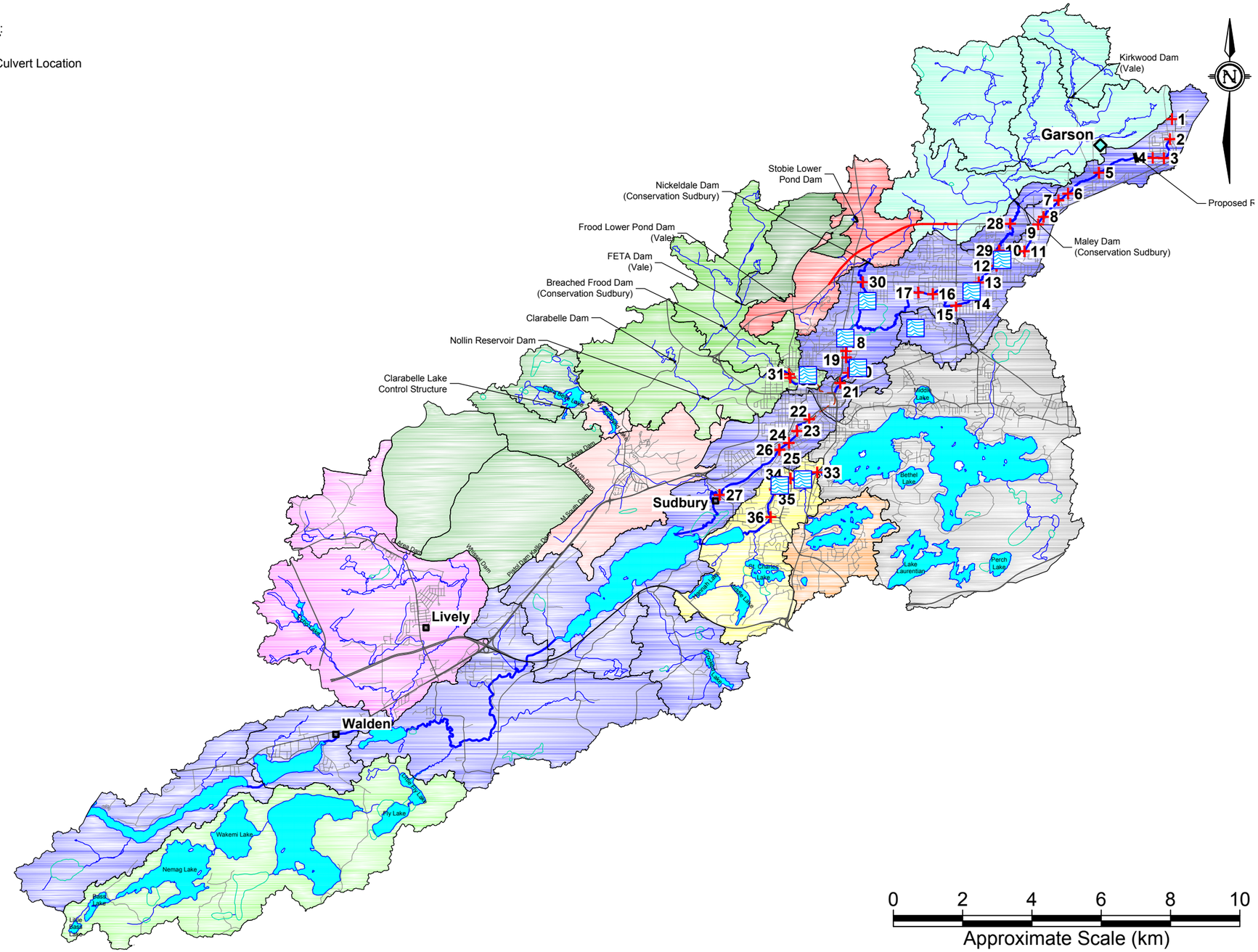
wood.

DWN BY:	KMR
CHK'D BY:	MDOG
SCALE:	1:10,000
PROJECT	Junction Creek Subwatershed Study City of Greater Sudbury, Ontario
TITLE	Ponderosa Natural Storage Areas
DATE	Dec. 2018
PROJECT No.	TY161021
REV. No.	1
FIGURE No.	C.4

Stream	Description	No.	Location	Coordinates (NAD 83)	
Main Branch of Junction Creek	From Garson to the Box Culvert Downtown	1	Pine St (Garson)	510507.00 m E	5156766.00 m N
		2	Birch St (Garson)	510450.00 m E	5156189.00 m N
		3	Orell St	510276.00 m E	5155642.00 m N
		4	Margaret St	509953.00 m E	5155650.00 m N
		5	O'Neil Dr	508400.00 m E	5155221.00 m N
		6	Donnely Dr	507507.00 m E	5154617.00 m N
		7	Carr Ave	507231.00 m E	5154426.00 m N
		8	Matson Road	506802.00 m E	5153947.00 m N
		9	Maley Dr (East)	506646.00 m E	5153729.00 m N
		10	Madison Ave	505520.00 m E	5152973.00 m N
		11	Christina Dr	506254.00 m E	5152954.00 m N
		12	Lansing Ave	505441.00 m E	5152533.00 m N
		13	LaSalle at Main Creek	504931.00 m E	5152051.00 m N
		14	CNRail @ Lasalle & Barrydowne	504727.00 m E	5151721.00 m N
		15	Barrydowne Rd	504277.00 m E	5151382.00 m N
		16	Atlee Ave	503606.00 m E	5151717.00 m N
		17	Arthur St	503187.00 m E	5151762.00 m N
		18	King St	501101.00 m E	5150077.00 m N
		19	Bond St	501100.00 m E	5149887.00 m N
		20	Leslie St	501167.00 m E	5149443.00 m N
		21	Louis St	500932.00 m E	5149149.00 m N
	From Box Culvert Downtown to Kelly Lake	22	Douglas St / Brady St	500038.51 m E	5148101.82 m N
		23	Riverside Dr	499686.00 m E	5147765.00 m N
		24	Regent St	499451.00 m E	5147420.00 m N
		25	Mcleod St	499172.00 m E	5147217.00 m N
		26	Martindale Rd	499177.52 m E	5147225.00 m N
		27	Kelly Lake Rd	497452.00 m E	5145917.00 m N
Tributaries upstream of Kelly Lake	Maley Dam	28	Maley Dr (West)	505838.00 m E	5153748.00 m N
		29	Madison Ave	505520.00 m E	5152973.00 m N
	Nickeldale Dam	30	Lasalle Blvd at Nickeldale	501584.00 m E	5152063.00 m N
	Nolins Creek	31	Beatty St	499455.00 m E	5149404.00 m N
		32	Dufferin St	499489.00 m E	5149304.00 m N
	From Ramsey Lake to Robinson Lake (Lily Creek)	33	Paris St	500270.00 m E	5146570.00 m N
		34	Regent St (near beverly Dr)	499499.00 m E	5146395.00 m N
		35	Martindale Rd (near beverly Dr)	499046.00 m E	5146070.00 m N
		36	Bouchar St	498922.00 m E	5145279.00 m N

Legend:

+ Culvert Location



Note:
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705-682-2632

wood.

DWN BY:	KKJ
CHK'D BY:	MDOG
SCALE:	as shown
PROJECT	Junction Creek Subwatershed Study City of Greater Sudbury, Ontario
TITLE	Major Road Crossings Along Junction Creek and Tributaries
DATE	Dec 2018
PROJECT No.	TY161021
REV. No.	1
FIGURE No.	C.5