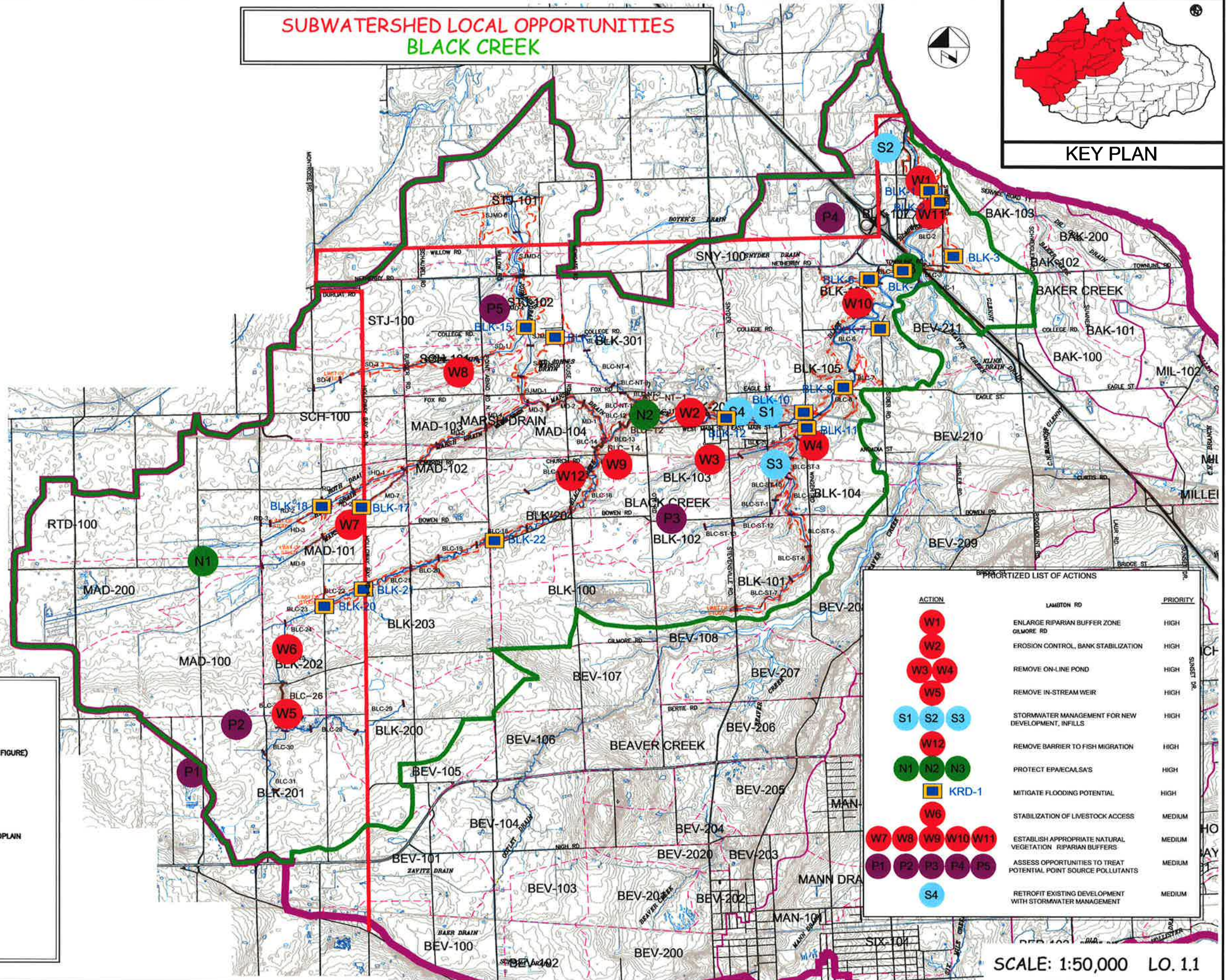


SUBWATERSHED LOCAL OPPORTUNITIES BLACK CREEK



KEY PLAN



LEGEND

- STUDY AREA BOUNDARY
- WATERSHED BOUNDARY (THIS FIGURE)
- WATERSHED BOUNDARY
- SUBWATERSHED BOUNDARY
- MUNICIPAL BOUNDARY
- REGULATORY 100 YEAR FLOODPLAIN
- KFD-3
- EROSION PRONE REACH
- REACH BREAK
- KRD-1
- 100 YEAR FLOOD POTENTIAL DAMAGE CENTRE
- BARRIERS TO FISH MIGRATION

PRIORITIZED LIST OF ACTIONS		
ACTION	LAMBTON RD	PRIORITY
W1	ENLARGE RIPARIAN BUFFER ZONE	HIGH
W2	EROSION CONTROL, BANK STABILIZATION	HIGH
W3 W4	REMOVE ON-LINE POND	HIGH
W5	REMOVE IN-STREAM WEIR	HIGH
S1 S2 S3	STORMWATER MANAGEMENT FOR NEW DEVELOPMENT, INFILLS	HIGH
W12	REMOVE BARRIER TO FISH MIGRATION	HIGH
N1 N2 N3	PROTECT EPA/ECA/SA'S	HIGH
KRD-1	MITIGATE FLOODING POTENTIAL	HIGH
W6	STABILIZATION OF LIVESTOCK ACCESS	MEDIUM
W7 W8 W9 W10 W11	ESTABLISH APPROPRIATE NATURAL VEGETATION, RIPARIAN BUFFERS	MEDIUM
P1 P2 P3 P4 P5	ASSESS OPPORTUNITIES TO TREAT POTENTIAL POINT SOURCE POLLUTANTS	MEDIUM
S4	RETROFIT EXISTING DEVELOPMENT WITH STORMWATER MANAGEMENT	MEDIUM

SCALE: 1:50,000 LO.1.1

SUBWATERSHED LOCAL OPPORTUNITIES BLACK CREEK

Niagara River 16



KEY PLAN

Baker C
Niag

Black Creek

Beaver Creek

LEGEND:

- FULL PROTECTION
(High significance)
- CONSERVATION
(Medium significance)
- OTHER NATURAL COVER
(Lower significance)
- RESTORATION OPTIONS
- LAKE ERIE SHORELINE ZONE
OF OPPORTUNITY
- SWALE RESTORATION OPTIONS
- STUDY AREA
- SETTLEMENT AREA
- SUBWATERSHEDS
- STREAMS AND WATERBODIES
- ROADS

SCALE: 1:50,000 LO. 1.2

SUBWATERSHED LOCAL OPPORTUNITIES BEAVER CREEK



KEY PLAN

LEGEND

- STUDY AREA BOUNDARY
- WATERSHED BOUNDARY (THIS FIGURE)
- WATERSHED BOUNDARY
- SUBWATERSHED BOUNDARY
- MUNICIPAL BOUNDARY
- REGULATORY 100 YEAR FLOODPLAIN
- KFD-3 EROSION PRONE REACH
- REACH BREAK
- KRD-1 100 YEAR FLOOD POTENTIAL DAMAGE CENTRE
- BARRIERS TO FISH MIGRATION

ACTION		PRIORITY
W1 W2 W3	EROSION CONTROL BANK STABILIZATION	HIGH
S1 S2 S3 S4	STORMWATER MANAGEMENT TO NEW DEVELOPMENT, INFILLS	HIGH
N1 N2	PROTECT EPA/CEA AND LSA'S	HIGH
N3 N4	ADD BUFFERS TO UPPER TRIBUTARIES	MEDIUM
W4 W5	ENLARGE RIPARIAN BUFFER ZONE	MEDIUM
P1	ASSESS OPPORTUNITY TO TREAT POTENTIAL POINT SOURCE POLLUTANT	MEDIUM

SCALE: 1:45,000 LO. 2.1

SUBWATERSHED LOCAL OPPORTUNITIES
BEAVER CREEK



KEY PLAN

Miller

Black Creek

Beaver Creek

Kralts

Bertie Bay Dra

Six Mile Creek

LEGEND:

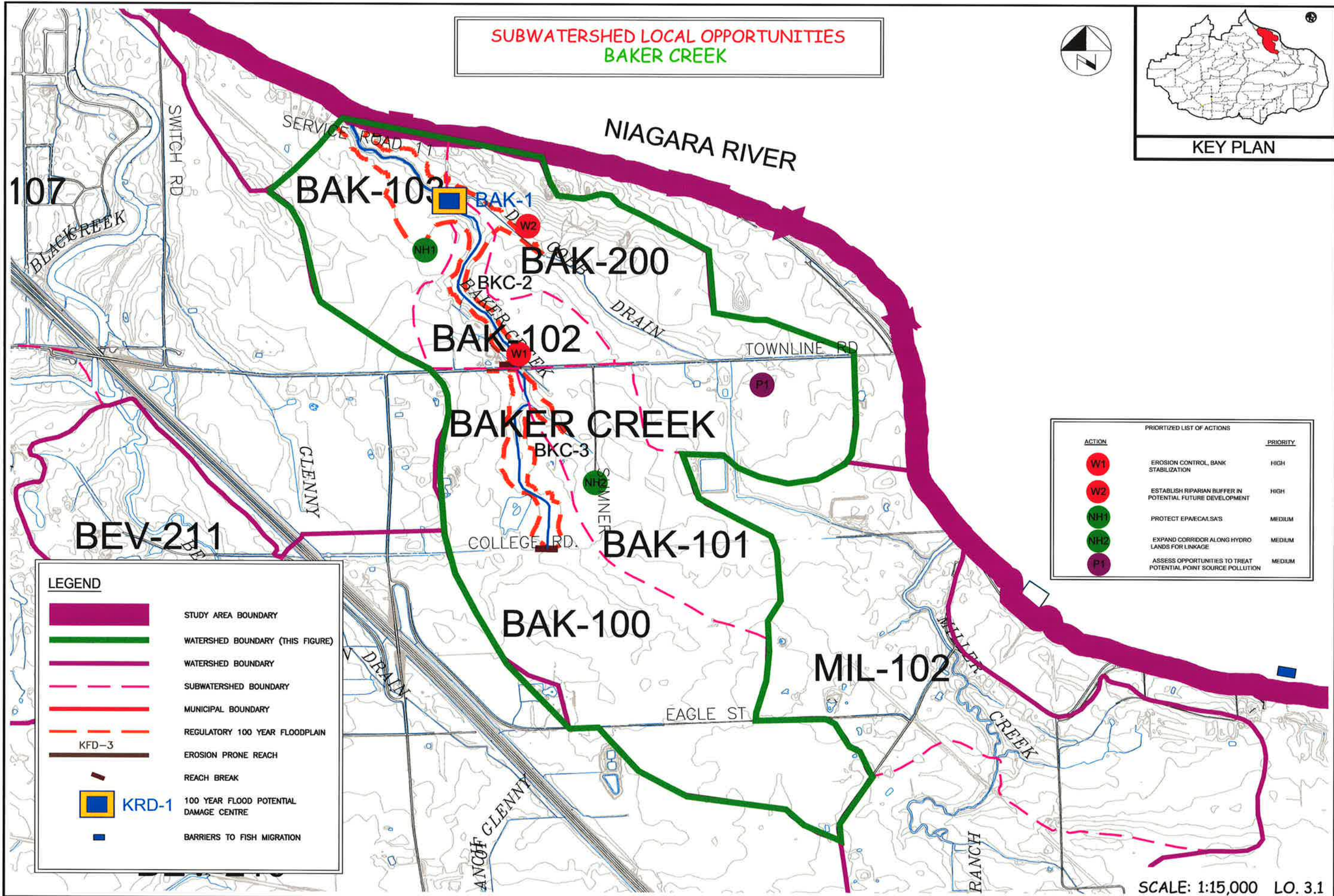
- FULL PROTECTION (High significance)
- CONSERVATION (Medium significance)
- OTHER NATURAL COVER (Lower significance)
- RESTORATION OPTIONS
- LAKE ERIE SHORELINE ZONE OF OPPORTUNITY
- SWALE RESTORATION OPTIONS
- STUDY AREA
- SETTLEMENT AREA
- SUBWATERSHEDS
- STREAMS AND WATERBODIES
- ROADS

SCALE: 1:45,000 LO. 2.2

SUBWATERSHED LOCAL OPPORTUNITIES BAKER CREEK



KEY PLAN



LEGEND

- STUDY AREA BOUNDARY
- WATERSHED BOUNDARY (THIS FIGURE)
- WATERSHED BOUNDARY
- SUBWATERSHED BOUNDARY
- MUNICIPAL BOUNDARY
- REGULATORY 100 YEAR FLOODPLAIN
- KFD-3
- EROSION PRONE REACH
- REACH BREAK
- KRD-1
- 100 YEAR FLOOD POTENTIAL DAMAGE CENTRE
- BARRIERS TO FISH MIGRATION

PRIORTIZED LIST OF ACTIONS		
ACTION		PRIORITY
W1	EROSION CONTROL, BANK STABILIZATION	HIGH
W2	ESTABLISH RIPARIAN BUFFER IN POTENTIAL FUTURE DEVELOPMENT	HIGH
NH1	PROTECT EPA/ECM/SA'S	MEDIUM
NH2	EXPAND CORRIDOR ALONG HYDRO LANDS FOR LINKAGE	MEDIUM
P1	ASSESS OPPORTUNITIES TO TREAT POTENTIAL POINT SOURCE POLLUTION	MEDIUM

SCALE: 1:15,000 LO. 3.1

SUBWATERSHED LOCAL OPPORTUNITIES
BAKER CREEK



KEY PLAN

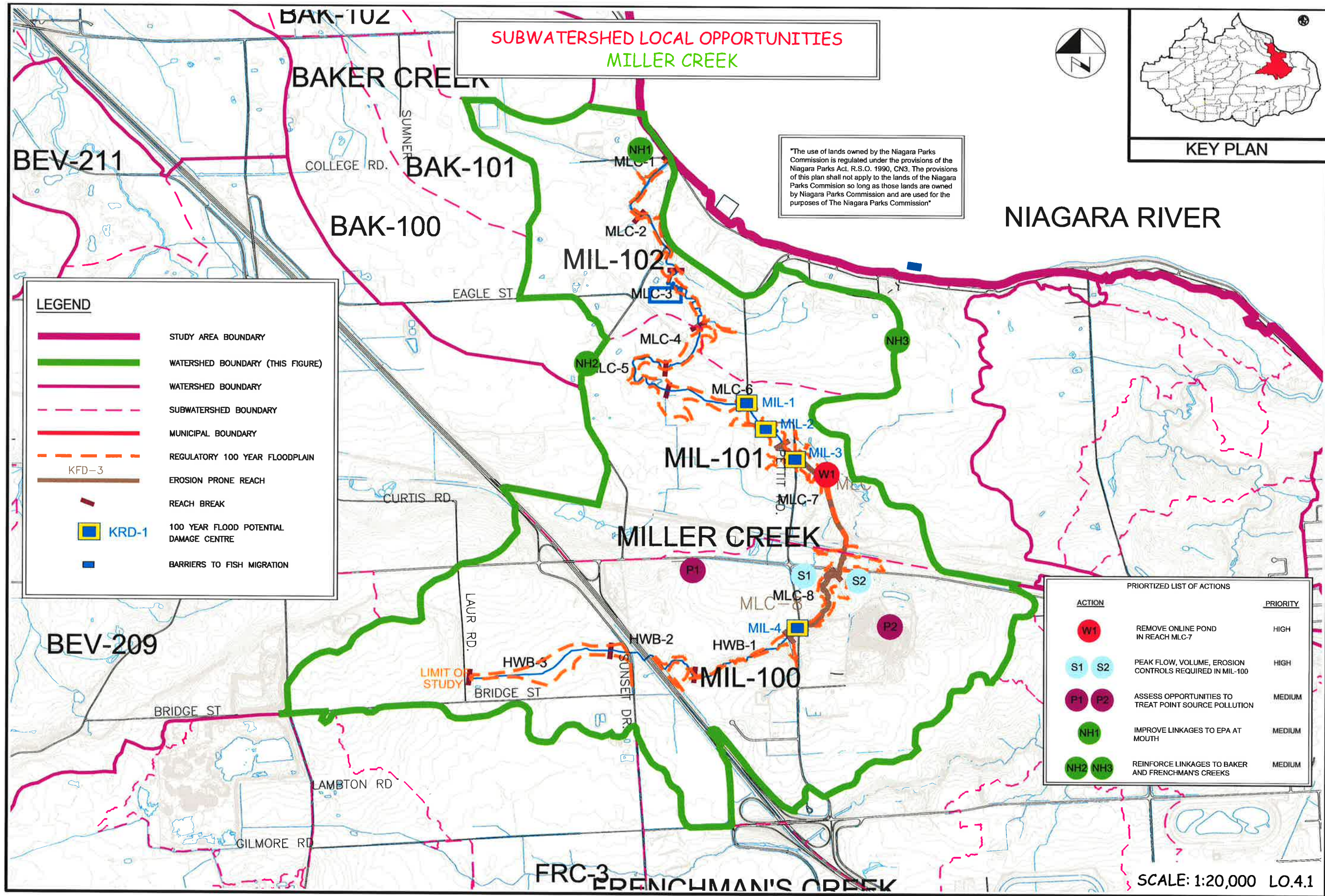
Niagara River 16

Niagara River 21

Baker Creek
Niagara River 22

Miller Creek
Niagara River 19

- LEGEND:
- FULL PROTECTION (High significance)
 - CONSERVATION (Medium significance)
 - OTHER NATURAL COVER (Lower significance)
 - RESTORATION OPTIONS
 - LAKE ERIE SHORELINE ZONE OF OPPORTUNITY
 - SWALE RESTORATION OPTIONS
 - STUDY AREA
 - SETTLEMENT AREA
 - SUBWATERSHEDS
 - STREAMS AND WATERBODIES
 - ROADS



Niagara River 16

SUBWATERSHED LOCAL OPPORTUNITIES
MILLER CREEK



KEY PLAN

Niagara River 21

Baker Creek
Niagara River 22

Miller Creek
Niagara River 19

Fort Erie
Frenchman's Creek

Kralts Drain

Lake

LEGEND:

- FULL PROTECTION
(High significance)
- CONSERVATION
(Medium significance)
- OTHER NATURAL COVER
(Lower significance)
- RESTORATION OPTIONS
- LAKE ERIE SHORELINE ZONE
OF OPPORTUNITY
- SWALE RESTORATION OPTIONS
- STUDY AREA
- SETTLEMENT AREA
- SUBWATERSHEDS
- STREAMS AND WATERBODIES
- ROADS

SCALE: 1:40,000 LO.4.2

SUBWATERSHED LOCAL OPPORTUNITIES NIAGARA RIVER SHORE



KEY PLAN

"The use of lands owned by the Niagara Parks Commission is regulated under the provisions of the Niagara Parks Act, R.S.O. 1990, CN3. The provisions of this plan shall not apply to the lands of the Niagara Parks Commission so long as those lands are owned by Niagara Parks Commission and are used for the purposes of The Niagara Parks Commission"

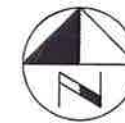
LEGEND

- STUDY AREA BOUNDARY
- WATERSHED BOUNDARY (THIS FIGURE)
- WATERSHED BOUNDARY
- SUBWATERSHED BOUNDARY
- MUNICIPAL BOUNDARY
- REGULATORY 100 YEAR FLOODPLAIN
- KFD-3 EROSION PRONE REACH
- REACH BREAK
- KRD-1 100 YEAR FLOOD POTENTIAL DAMAGE CENTRE
- BARRIERS TO FISH MIGRATION

PRIORITIZED LIST OF ACTIONS		
ACTION		PRIORITY
PROTECT EPILIMNION IN NR#19	●	HIGH
CONNECT CORRIDOR THROUGH NR#16 TO BEYOND STUDY AREA	●	MEDIUM

SCALE: 1:25,000 LO. 5.1

SUBWATERSHED LOCAL OPPORTUNITIES
NIAGARA RIVER SHORE



KEY PLAN

LEGEND:

- FULL PROTECTION
(High significance)
- CONSERVATION
(Medium significance)
- OTHER NATURAL COVER
(Lower significance)
- RESTORATION OPTIONS
- LAKE ERIE SHORELINE ZONE
OF OPPORTUNITY
- SWALE RESTORATION OPTIONS
- STUDY AREA
- SETTLEMENT AREA
- SUBWATERSHEDS
- STREAMS AND WATERBODIES
- ROADS

Niagara River 16

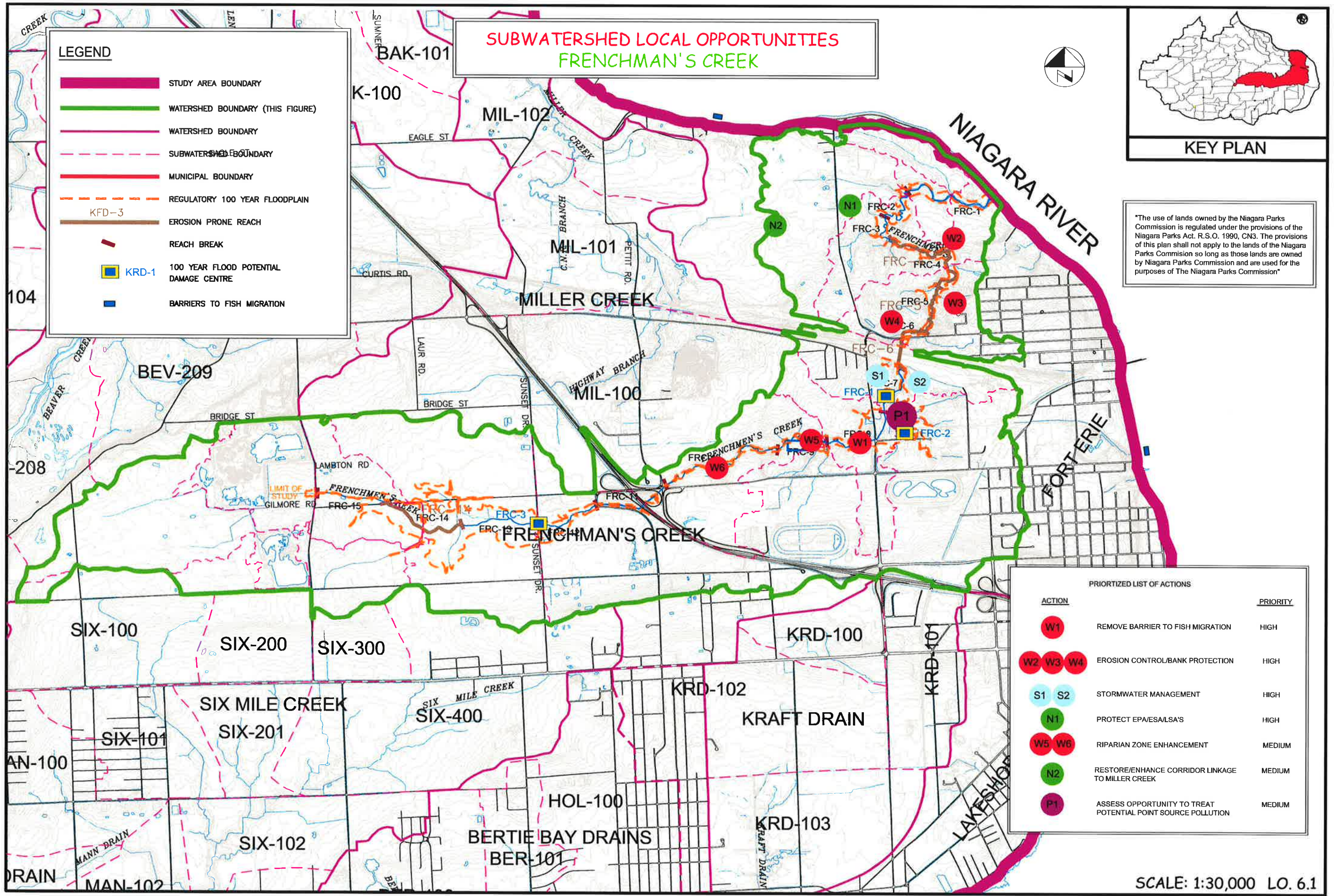
Niagara River 21

Baker Creek

Niagara River 22

Miller Creek

Niagara River 19

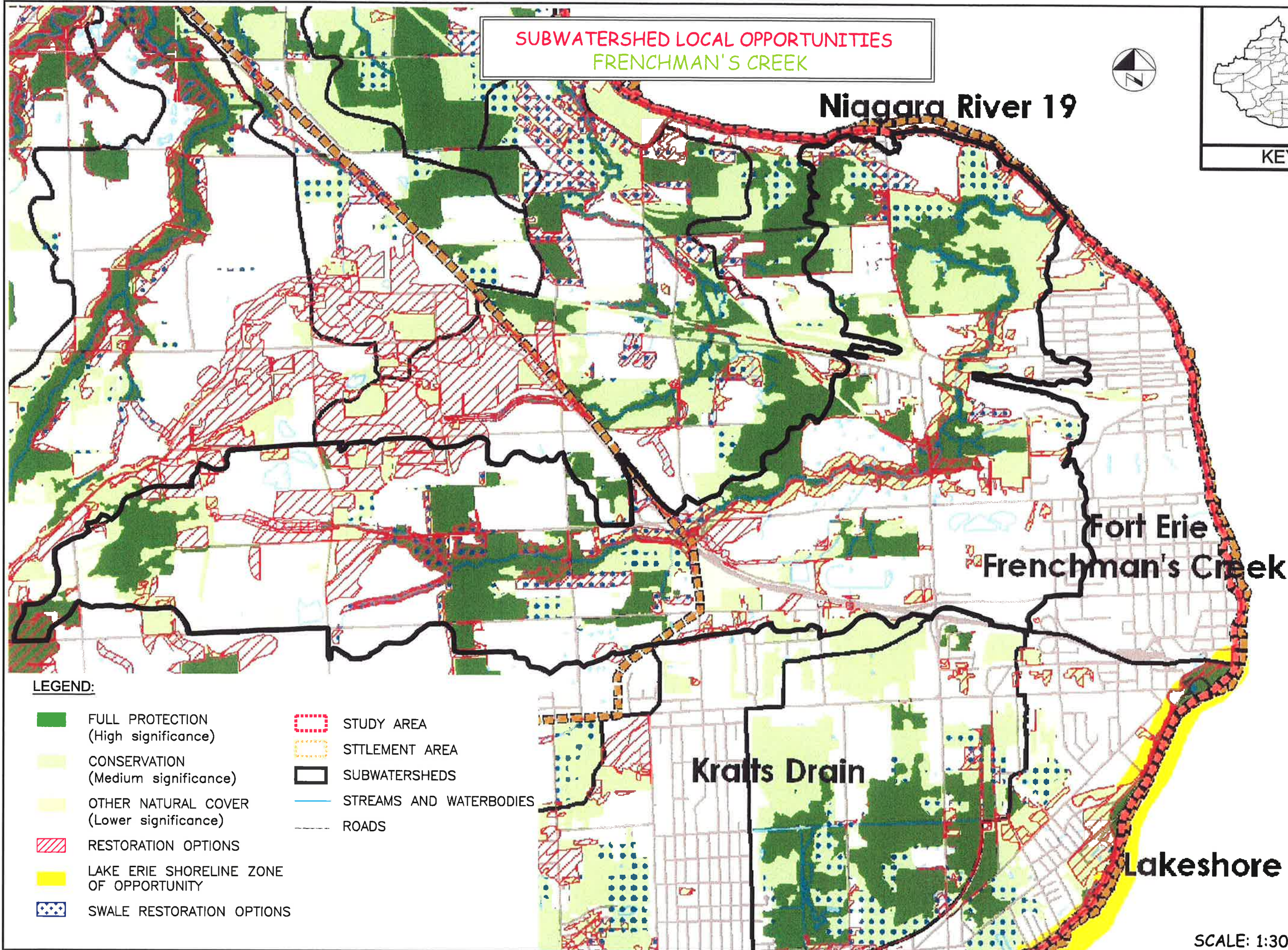


SUBWATERSHED LOCAL OPPORTUNITIES
FRENCHMAN'S CREEK

Niagara River 19



KEY PLAN



LEGEND:

- | | | | |
|---|---|---|-------------------------|
|  | FULL PROTECTION
(High significance) |  | STUDY AREA |
|  | CONSERVATION
(Medium significance) |  | SETTLEMENT AREA |
|  | OTHER NATURAL COVER
(Lower significance) |  | SUBWATERSHEDS |
|  | RESTORATION OPTIONS |  | STREAMS AND WATERBODIES |
|  | LAKE ERIE SHORELINE ZONE
OF OPPORTUNITY |  | ROADS |
|  | SWALE RESTORATION OPTIONS | | |

SCALE: 1:30,000 LO. 6.2

SUBWATERSHED LOCAL OPPORTUNITIES FORT ERIE



KEY PLAN

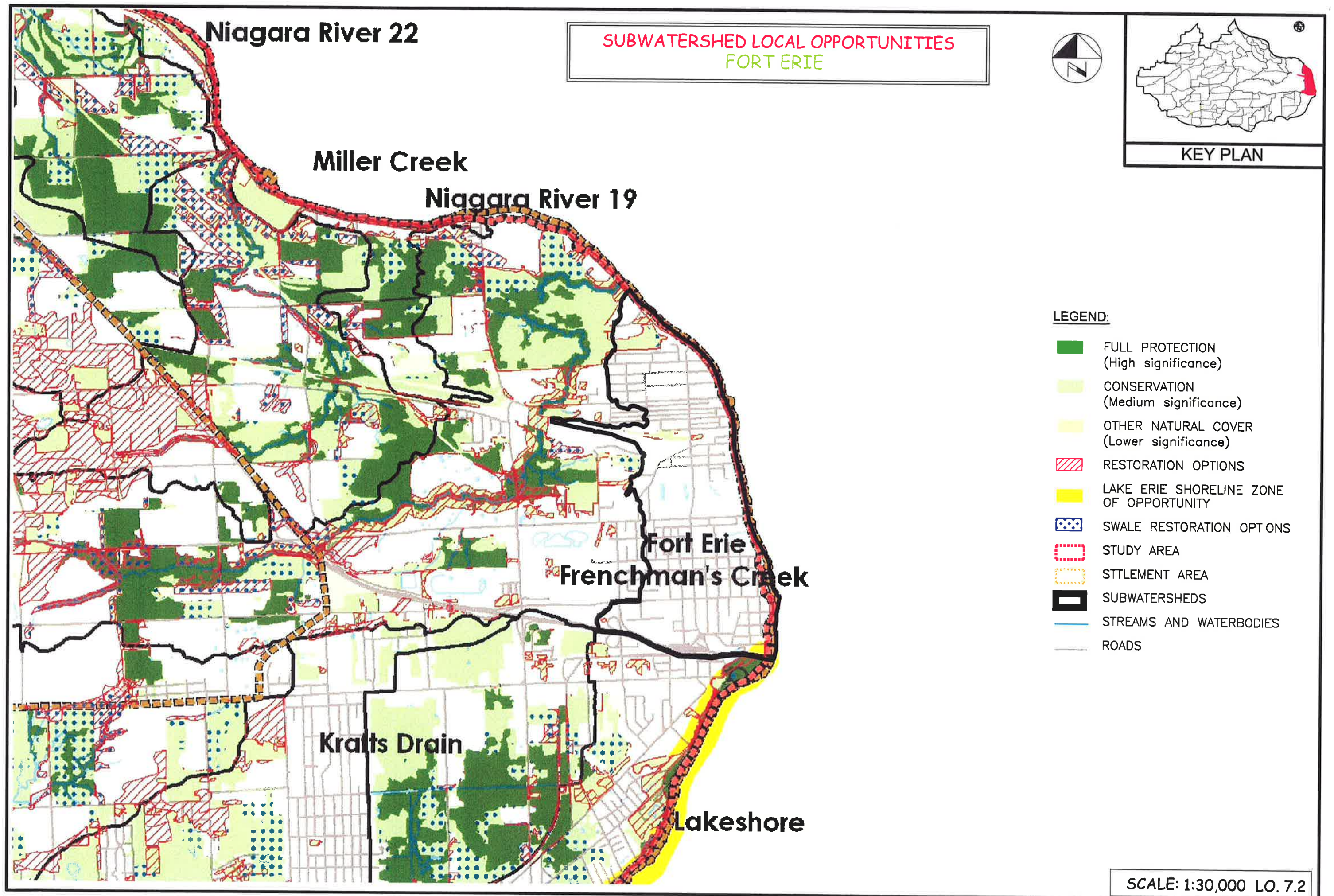
"The use of lands owned by the Niagara Parks Commission is regulated under the provisions of the Niagara Parks Act. R.S.O. 1990, CN3. The provisions of this plan shall not apply to the lands of the Niagara Parks Commission so long as those lands are owned by Niagara Parks Commission and are used for the purposes of The Niagara Parks Commission"

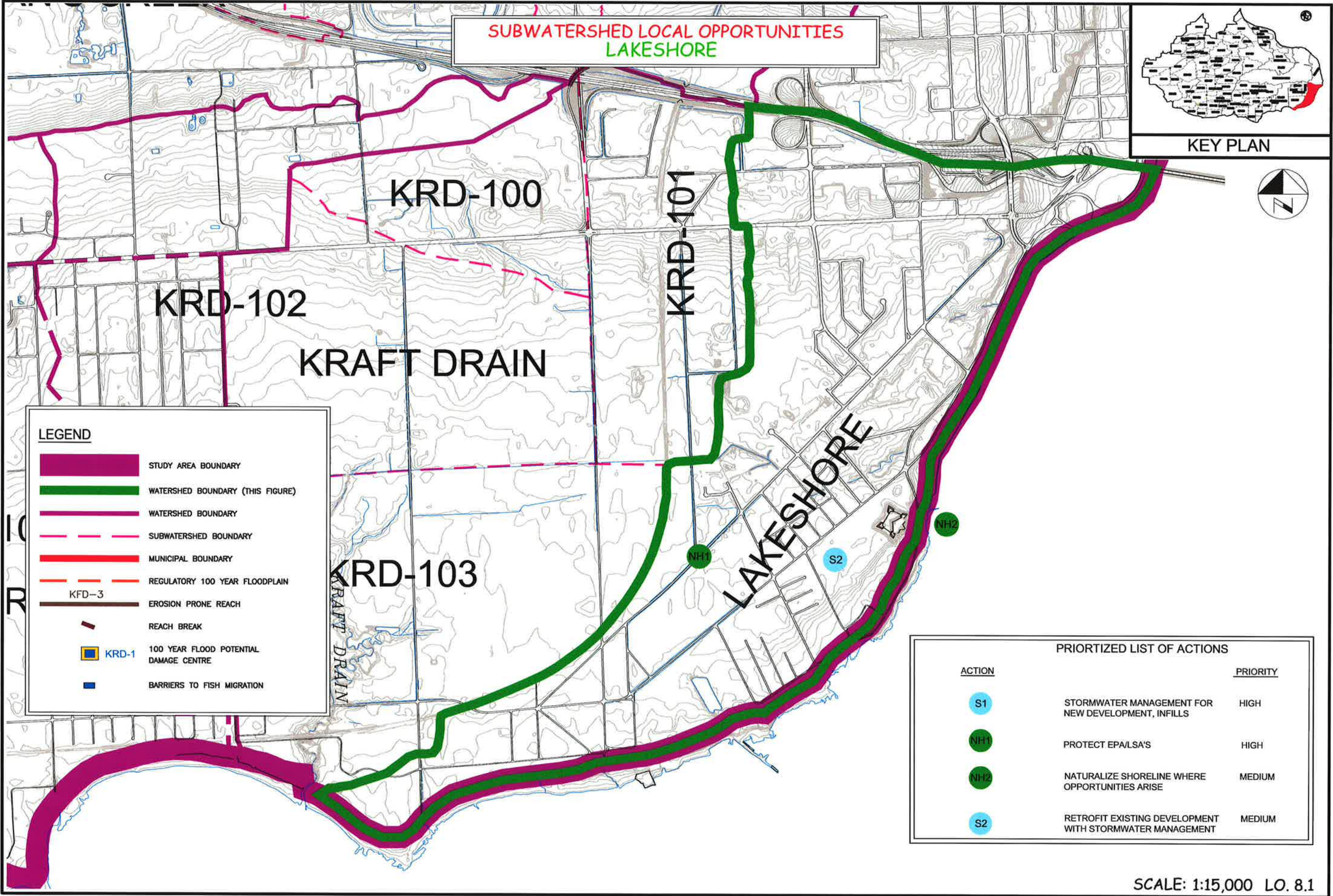
LEGEND

- STUDY AREA BOUNDARY
- WATERSHED BOUNDARY (THIS FIGURE)
- WATERSHED BOUNDARY
- SUBWATERSHED BOUNDARY
- MUNICIPAL BOUNDARY
- REGULATORY 100 YEAR FLOODPLAIN
- KFD-3 EROSION PRONE REACH
- REACH BREAK
- KRD-1 100 YEAR FLOOD POTENTIAL DAMAGE CENTRE
- BARRIERS TO FISH MIGRATION

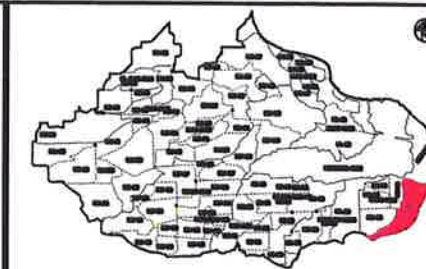
PRIORTIZED LIST OF ACTIONS		
ACTION		PRIORITY
S1	STORMWATER MANAGEMENT FOR NEW DEVELOPMENT, INFILLS	HIGH
NH1	NATURALIZE RIVER SHORELINE WHERE OPPORTUNITIES EXIST	MEDIUM
S2	RETROFIT EXISTING DEVELOPMENT WITH STORMWATER MANAGEMENT	MEDIUM
P1	ASSESS OPORTUNITIES TO TREAT POTENTIAL POINTSOURCE POLLUTION	MEDIUM

SCALE: 1:15,000 LO. 7.1

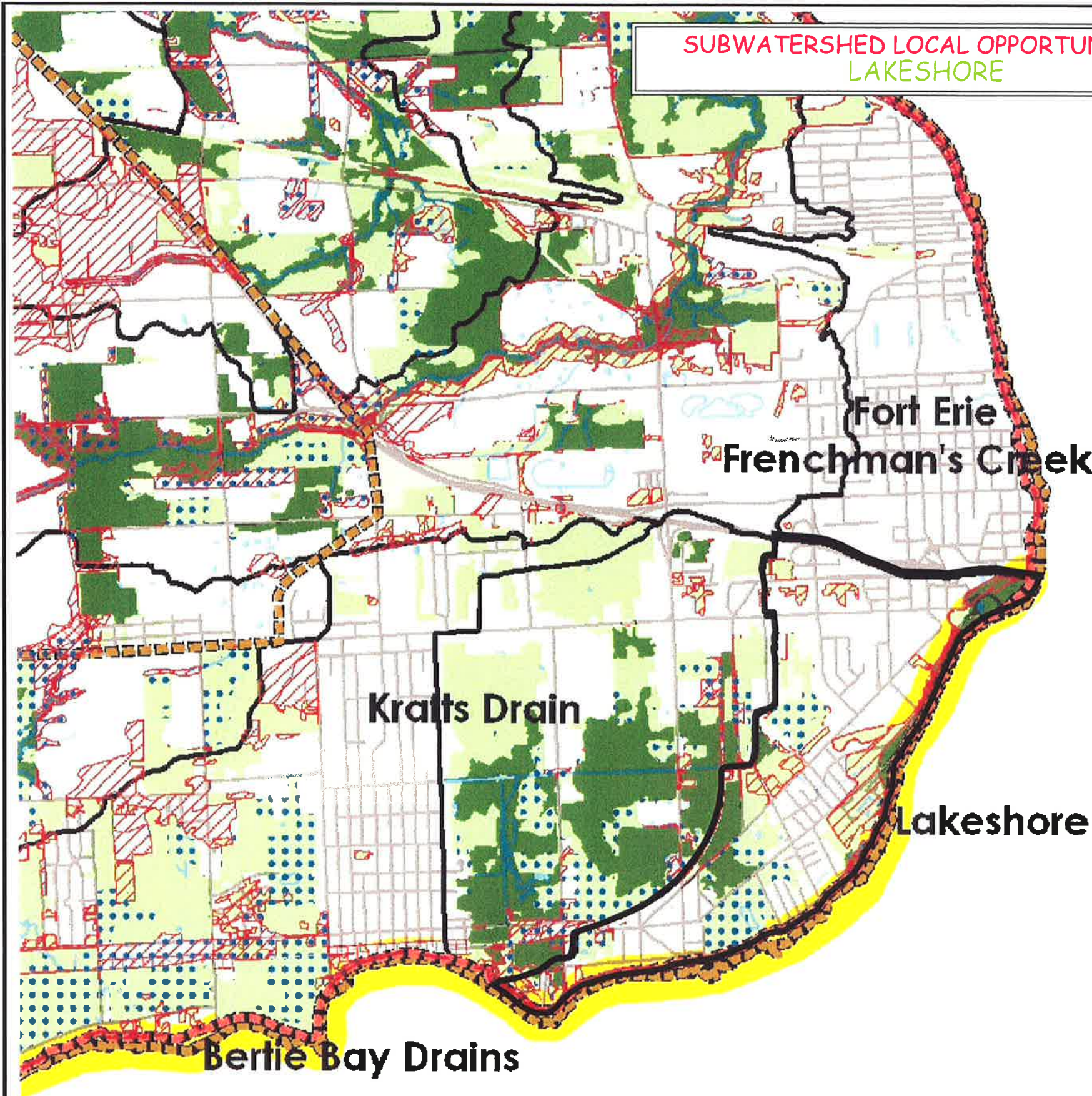
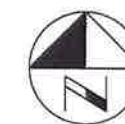




SUBWATERSHED LOCAL OPPORTUNITIES LAKESHORE

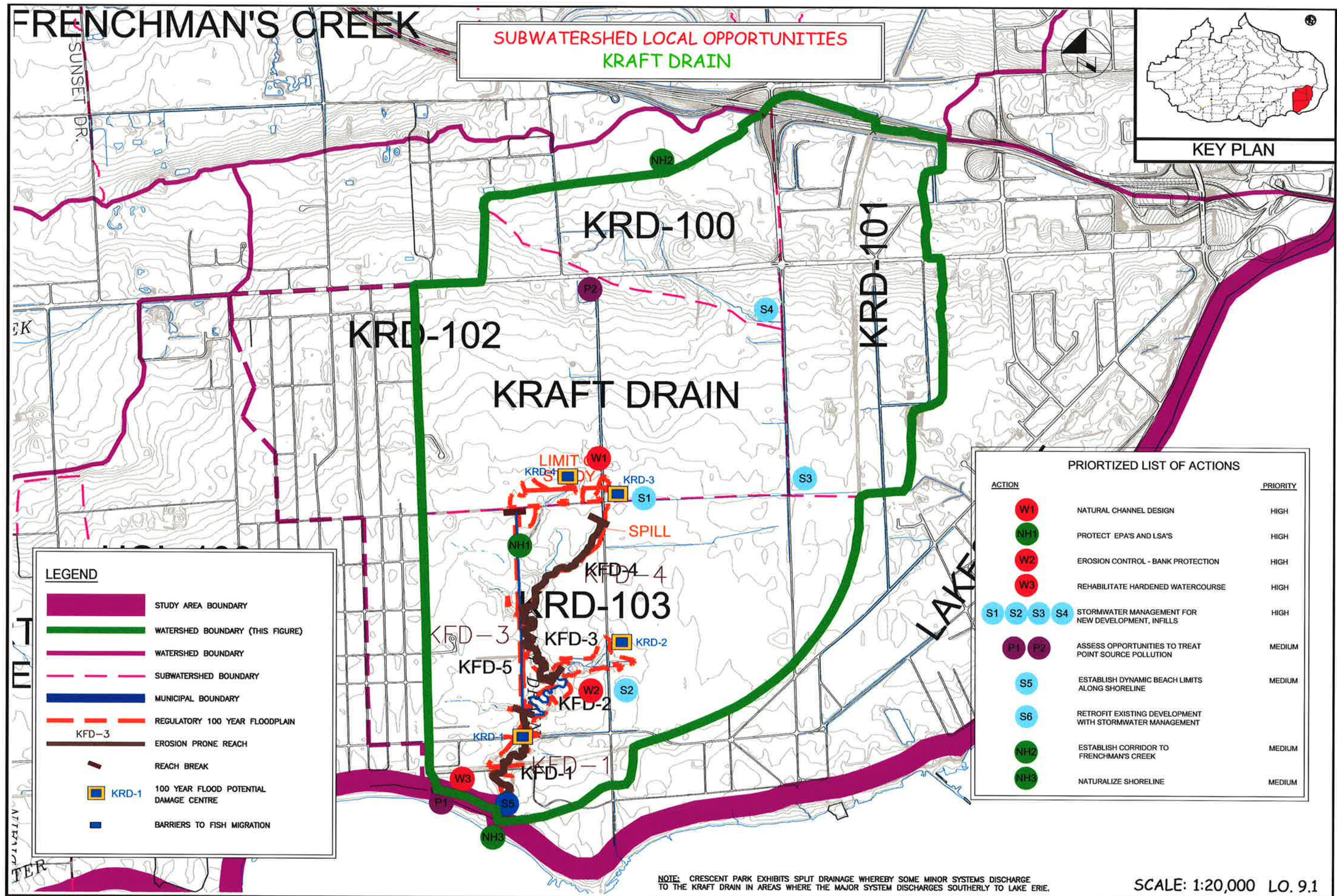


KEY PLAN

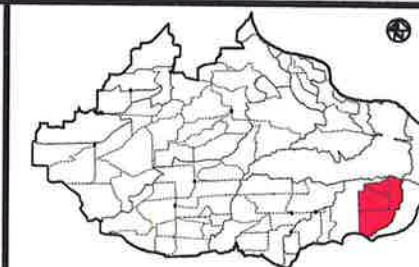


LEGEND:

- FULL PROTECTION
(High significance)
- CONSERVATION
(Medium significance)
- OTHER NATURAL COVER
(Lower significance)
- RESTORATION OPTIONS
- LAKE ERIE SHORELINE ZONE
OF OPPORTUNITY
- SWALE RESTORATION OPTIONS
- STUDY AREA
- SETTLEMENT AREA
- SUBWATERSHEDS
- STREAMS AND WATERBODIES
- ROADS



SUBWATERSHED LOCAL OPPORTUNITIES
KRAFT DRAIN



KEY PLAN

Fort Erie
Frenchman's Creek

Krafts Drain

Lakeshore

Bertie Bay Drains

Lake Erie 1

LEGEND:

- FULL PROTECTION
(High significance)
- CONSERVATION
(Medium significance)
- OTHER NATURAL COVER
(Lower significance)
- RESTORATION OPTIONS
- LAKE ERIE SHORELINE ZONE
OF OPPORTUNITY
- SWALE RESTORATION OPTIONS
- STUDY AREA
- SETTLEMENT AREA
- SUBWATERSHEDS
- STREAMS AND WATERBODIES
- ROADS

SCALE: 1:30,000 LO. 9.2

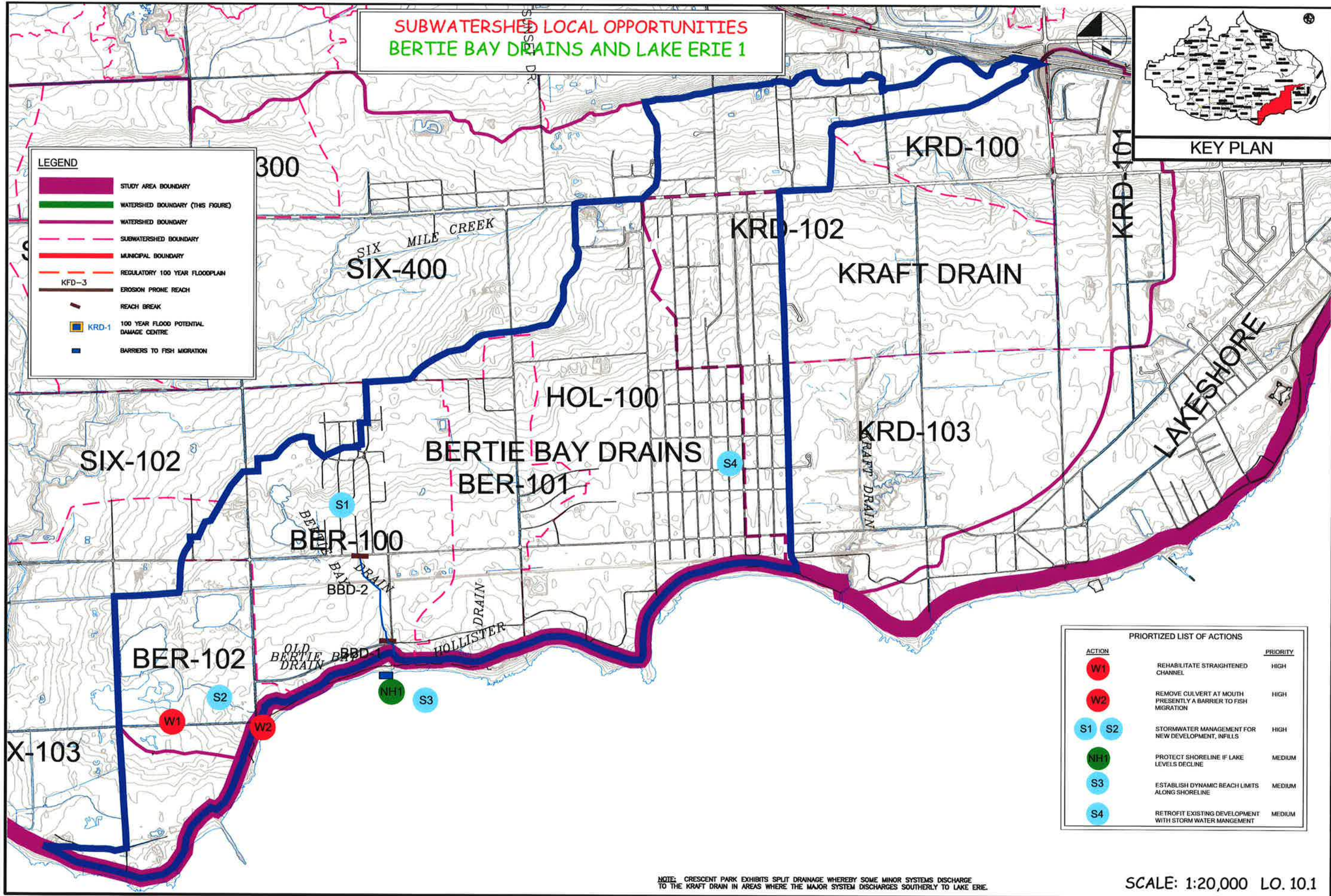
SUBWATERSHED LOCAL OPPORTUNITIES
BERTIE BAY DRAINS AND LAKE ERIE 1



KEY PLAN

LEGEND

- STUDY AREA BOUNDARY
- WATERSHED BOUNDARY (THIS FIGURE)
- WATERSHED BOUNDARY
- SUBWATERSHED BOUNDARY
- MUNICIPAL BOUNDARY
- REGULATORY 100 YEAR FLOODPLAIN
- KFD-3
- EROSION PRONE REACH
- REACH BREAK
- KRD-1
- 100 YEAR FLOOD POTENTIAL DAMAGE CENTRE
- BARRIERS TO FISH MIGRATION

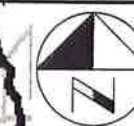


PRIORTIZED LIST OF ACTIONS		
ACTION		PRIORITY
W1	REHABILITATE STRAIGHTENED CHANNEL	HIGH
W2	REMOVE CULVERT AT MOUTH PRESENTLY A BARRIER TO FISH MIGRATION	HIGH
S1 S2	STORMWATER MANAGEMENT FOR NEW DEVELOPMENT, INFILLS	HIGH
NH1	PROTECT SHORELINE IF LAKE LEVELS DECLINE	MEDIUM
S3	ESTABLISH DYNAMIC BEACH LIMITS ALONG SHORELINE	MEDIUM
S4	RETROFIT EXISTING DEVELOPMENT WITH STORM WATER MANGEMENT	MEDIUM

NOTE: CRESCENT PARK EXHIBITS SPLIT DRAINAGE WHEREBY SOME MINOR SYSTEMS DISCHARGE TO THE KRAFT DRAIN IN AREAS WHERE THE MAJOR SYSTEM DISCHARGES SOUTHERLY TO LAKE ERIE.

SCALE: 1:20,000 LO. 10.1

**SUBWATERSHED LOCAL OPPORTUNITIES
BERTIE BAY DRAINS AND LAKE ERIE 1**



KEY PLAN

**Fort
Frenchman**

Krafts Drain

Lakeshore

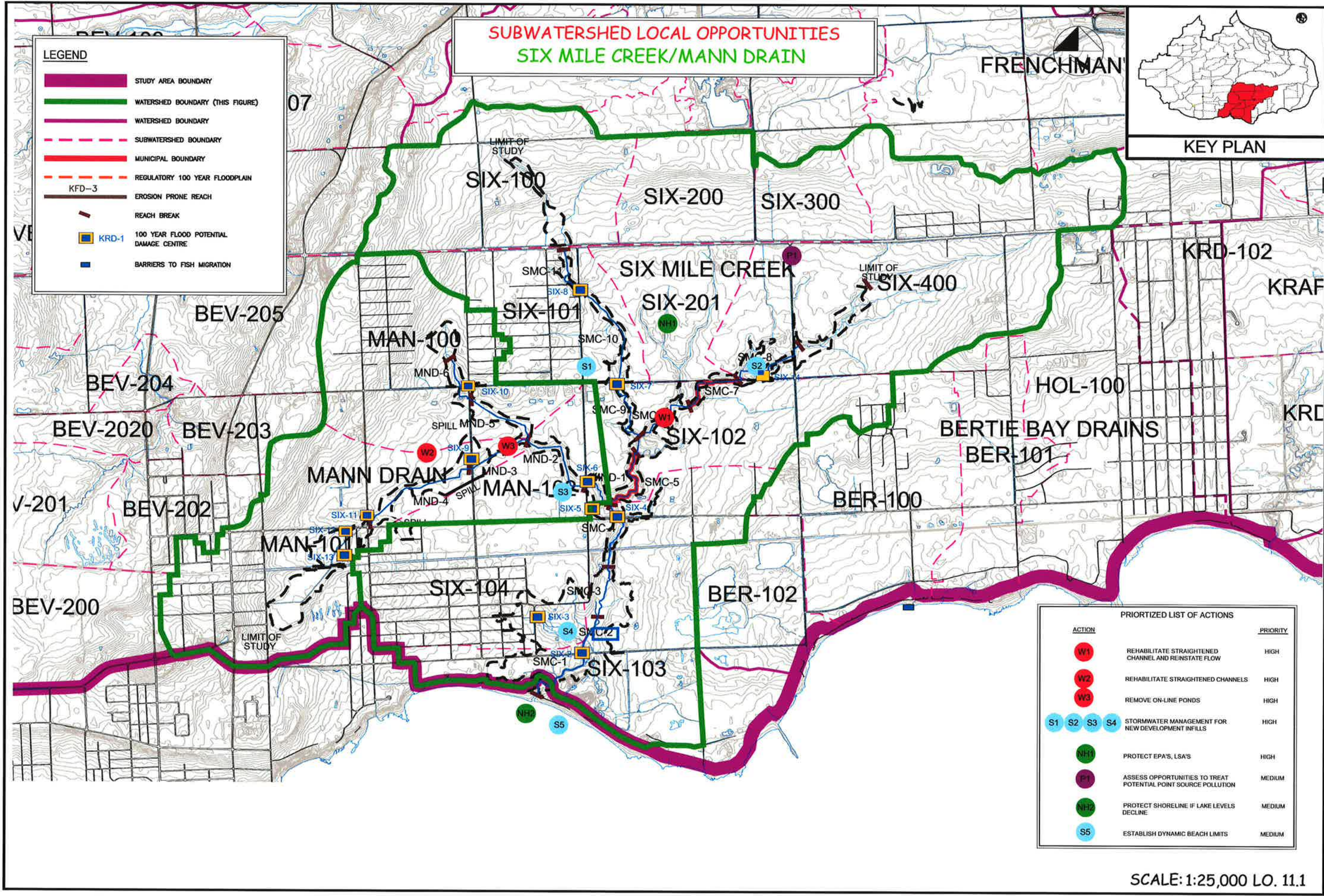
Bertie Bay Drains

Six Mile Creek

Lake Erie 1

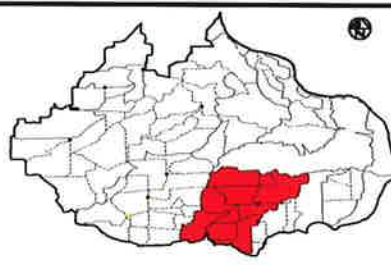
LEGEND:

- FULL PROTECTION
(High significance)
- CONSERVATION
(Medium significance)
- OTHER NATURAL COVER
(Lower significance)
- RESTORATION OPTIONS
- LAKE ERIE SHORELINE ZONE
OF OPPORTUNITY
- SWALE RESTORATION OPTIONS
- STUDY AREA
- SETTLEMENT AREA
- SUBWATERSHEDS
- STREAMS AND WATERBODIES
- ROADS



SUBWATERSHED LOCAL OPPORTUNITIES
SIX MILE CREEK/MANN DRAIN

- LEGEND
- STUDY AREA BOUNDARY
 - WATERSHED BOUNDARY (THIS FIGURE)
 - WATERSHED BOUNDARY
 - SUBWATERSHED BOUNDARY
 - MUNICIPAL BOUNDARY
 - REGULATORY 100 YEAR FLOODPLAIN
 - KFD-3
 - EROSION PRONE REACH
 - REACH BREAK
 - KRD-1
 - 100 YEAR FLOOD POTENTIAL DAMAGE CENTRE
 - BARRIERS TO FISH MIGRATION

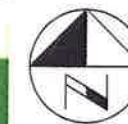


KEY PLAN

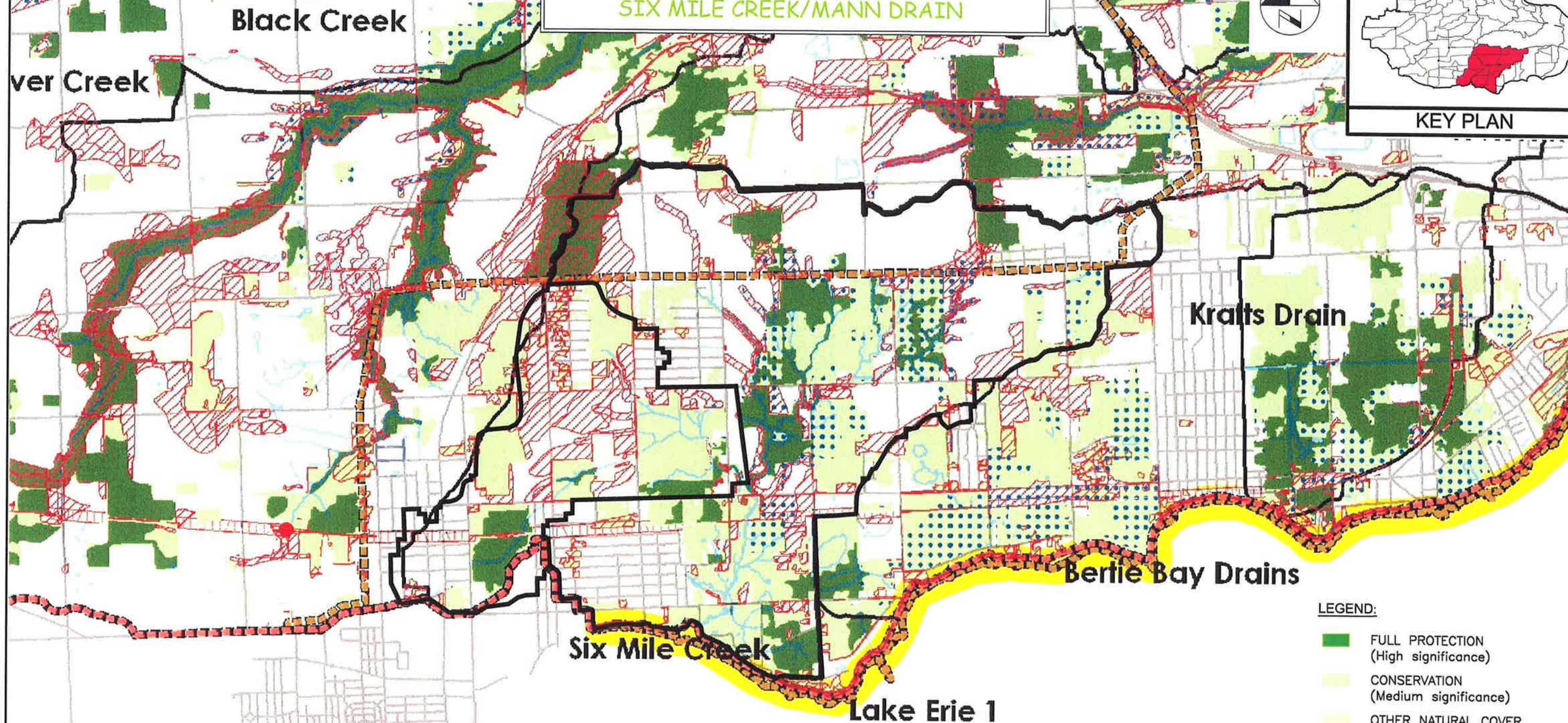
PRIORTIZED LIST OF ACTIONS		
ACTION		PRIORITY
W1	REHABILITATE STRAIGHTENED CHANNEL AND REINSTATE FLOW	HIGH
W2	REHABILITATE STRAIGHTENED CHANNELS	HIGH
W3	REMOVE ON-LINE PONDS	HIGH
S1 S2 S3 S4	STORMWATER MANAGEMENT FOR NEW DEVELOPMENT INFILLS	HIGH
NH1	PROTECT EPA'S, LSA'S	HIGH
P1	ASSESS OPPORTUNITIES TO TREAT POTENTIAL POINT SOURCE POLLUTION	MEDIUM
NH2	PROTECT SHORELINE IF LAKE LEVELS DECLINE	MEDIUM
S5	ESTABLISH DYNAMIC BEACH LIMITS	MEDIUM

SCALE: 1:25,000 LO. 11.1

SUBWATERSHED LOCAL OPPORTUNITIES
SIX MILE CREEK/MANN DRAIN



KEY PLAN



LEGEND:

- FULL PROTECTION
(High significance)
- CONSERVATION
(Medium significance)
- OTHER NATURAL COVER
(Lower significance)
- RESTORATION OPTIONS
- LAKE ERIE SHORELINE ZONE
OF OPPORTUNITY
- SWALE RESTORATION OPTIONS
- STUDY AREA
- SETTLEMENT AREA
- SUBWATERSHEDS
- STREAMS AND WATERBODIES
- ROADS

SCALE: 1:40,000 LO. 11.2