APPENDIX D HYDROLOGY MAPPING

The following maps are included within this appendix (provided under separate cover).

D1 Hydrology, Mainline Rev C2 Route, Topographical Mapping

D1 Hydrology, Point Thomson Rev C Route, Topographical Mapping

D2 Hydrology, Mainline Rev C2 Route, Aerial Mapping

D2 Hydrology, Point Thomson Rev C Route, Aerial Mapping

D3 Hydrology, Mainline Rev C2 Route, Off ROW Facilities and Access Roads, Topographical Mapping

D3 Hydrology, Point Thomson Rev C Route, Off ROW Facilities and Access Roads, Topographical Mapping

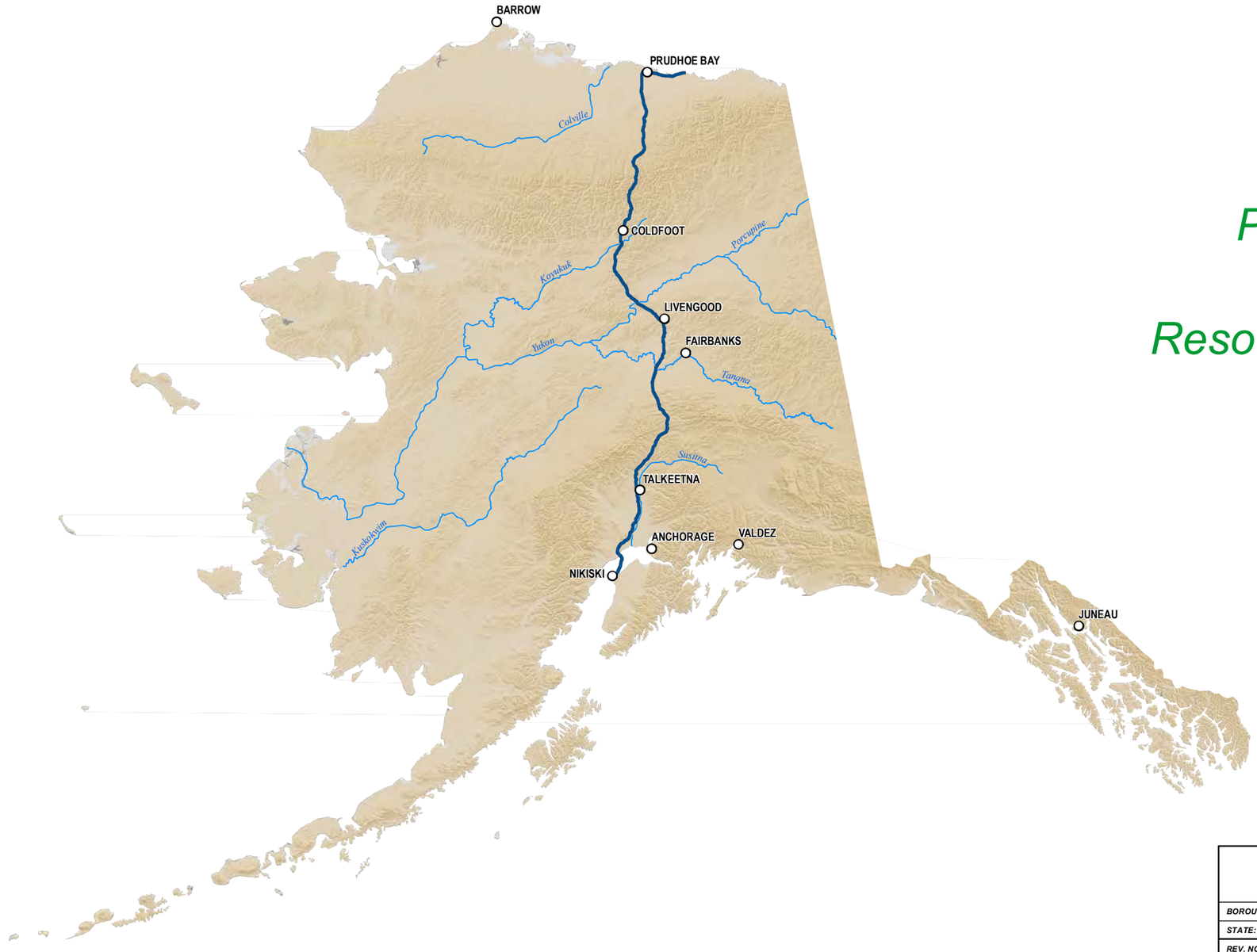
D4 Hydrology, Mainline Rev C2 Route, Off ROW Facilities and Access Roads, Aerial Mapping

D4 Hydrology, Point Thomson Rev C Route, Off ROW Facilities and Access Roads, Aerial Mapping

Alaska LNG Project

Hydrology
Point Thomson Rev C Route

Resource Report 2, Appendix D1
Topographical Mapping



ALASKA LNG PROJECT *Hydrology* *Point Thomson Rev C Route*	
BOROUGH: -	**DRAWN BY:** AGDC
STATE: ALASKA	**CHECKED BY:**

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-09

PRELIMINARY

1:10,000,000 — 0 100 200 Miles

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Arctic Ocean

NORTH SLOPE BOROUGH

PRUDHOE BAY

Arctic National Wildlife Refuge

Pg. 1 | Pg. 2 | Pg. 3 | Pg. 4 | Pg. 5 | Pg. 6 | Pg. 7 | Pg. 8 | Pg. 9 | Pg. 10 | Pg. 11 | Pg. 12

PTMP 60 | PTMP 50 | PTMP 40 | PTMP 30 | PTMP 20 | PTMP 10 | PTMP 0

ALASKA LNG PROJECT

Hydrology - Point Thomson
Rev C Route

BOROUGH:	NORTH SLOPE	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:281,485

0 3 6 Miles

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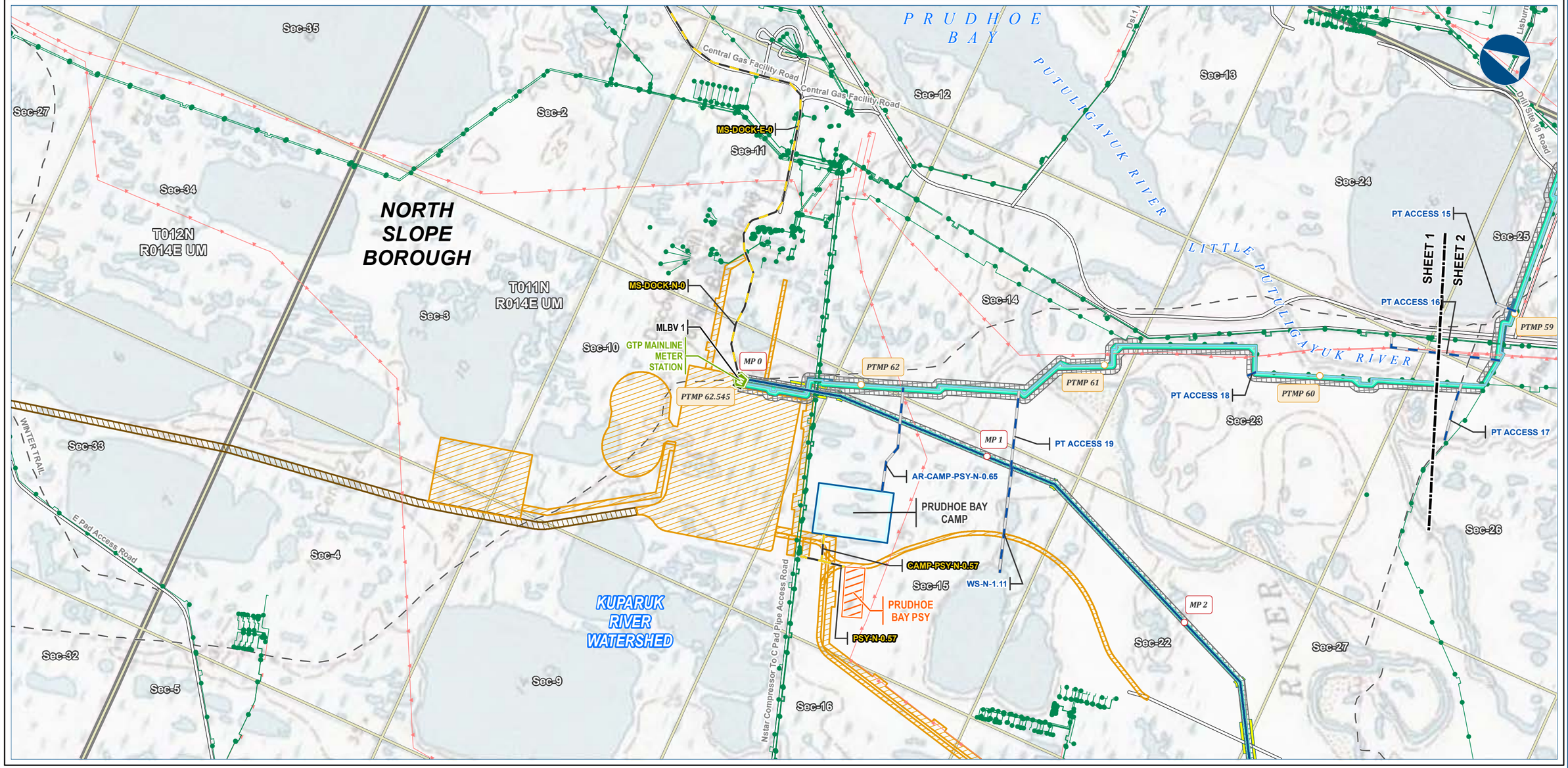
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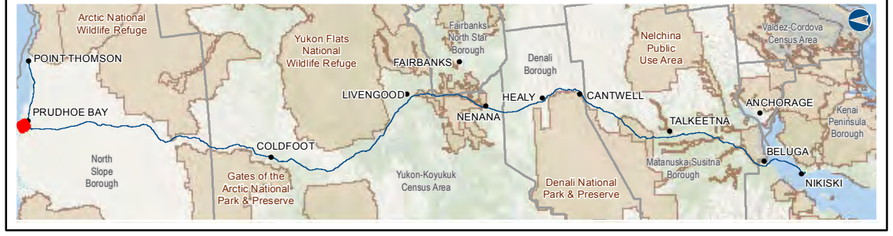
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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG





Alaska LNG Project

Legend

GTP
- GTP Footprint - Permanent
- GTP Footprint - Construction

PIPELINE
- Point Thomson Transmission Line
- Alaska LNG Rev C2 Route
- Ice Pad Access Road
- Access Road - Gravel
- Access Road - Ice
- Meter Station
- Mainline Blockvalve

- Permanent ROW
- Construction ROW
- Road Crossing ATWS
- Camp
- Pipe Storage Yard (PSY)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- Existing Pipeline
- Overhead Powerline
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson
Rev C Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-29

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-29	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
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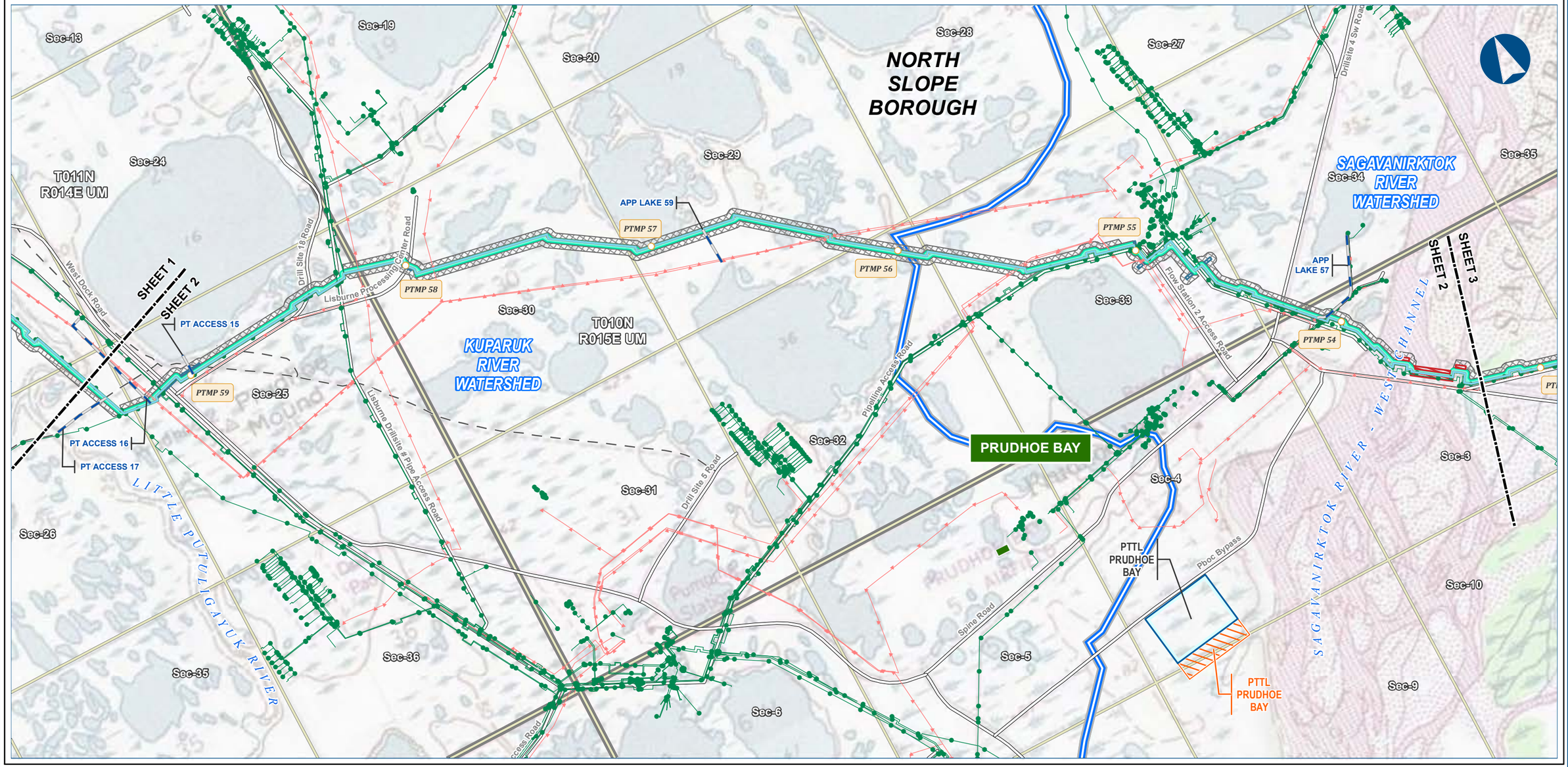
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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road

- Permanent ROW
- Construction ROW
- Road Crossing ATWS
- Stream Crossing ATWS
- Camp
- Pipe Storage Yard (PSY)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- Existing Pipeline
- Overhead Powerline
- Watershed Boundary
- Alaska DOT Place Names
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson Rev C Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-29

PRELIMINARY

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DATE: 2017-03-29	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
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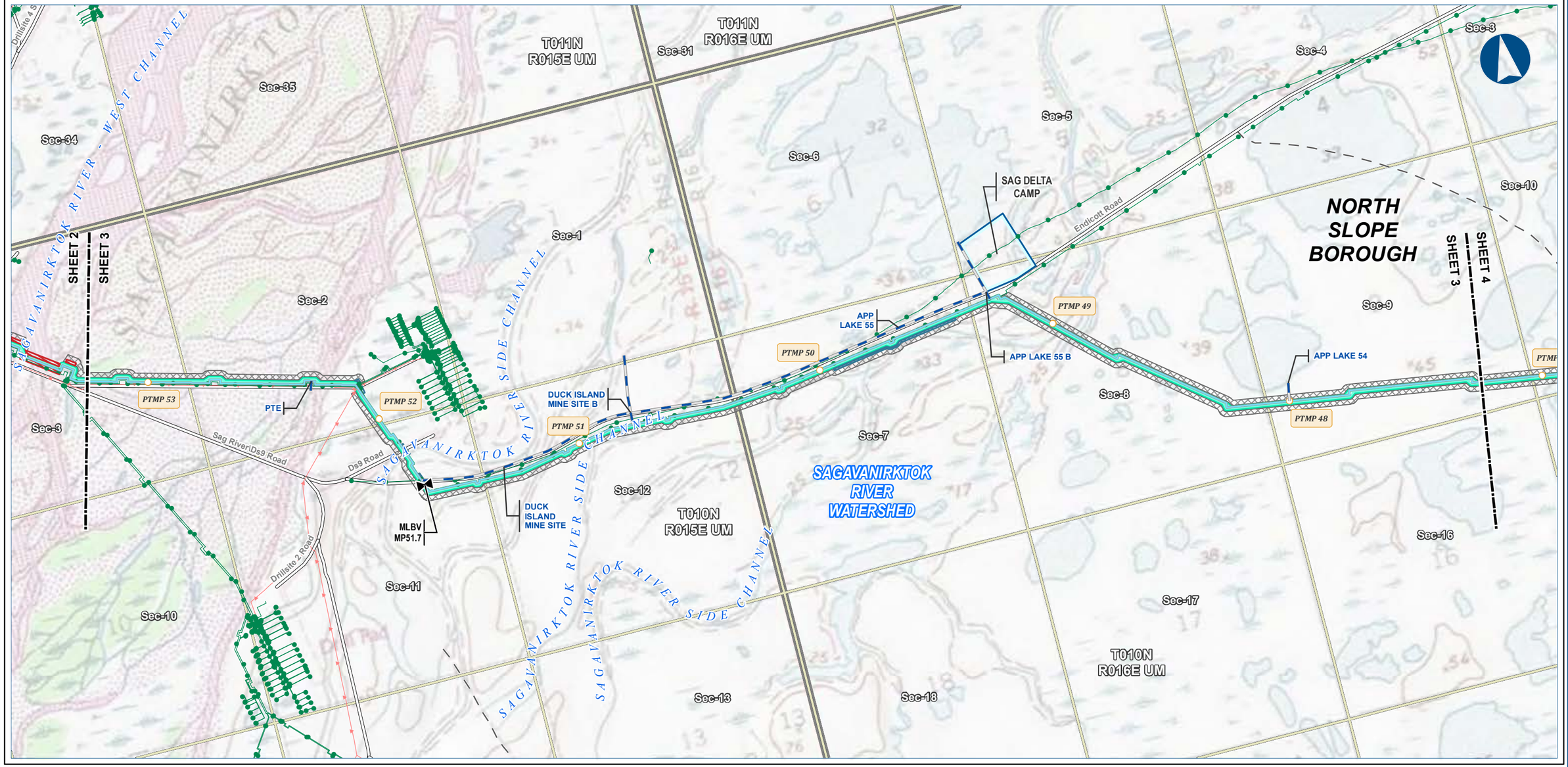
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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road
- Mainline Blockvalve
- Permanent ROW
- Construction ROW
- Road Crossing ATWS
- Stream Crossing ATWS
- Camp

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- Existing Pipeline
- Overhead Powerline
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson Rev C Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-29

PRELIMINARY

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DATE: 2017-03-29	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
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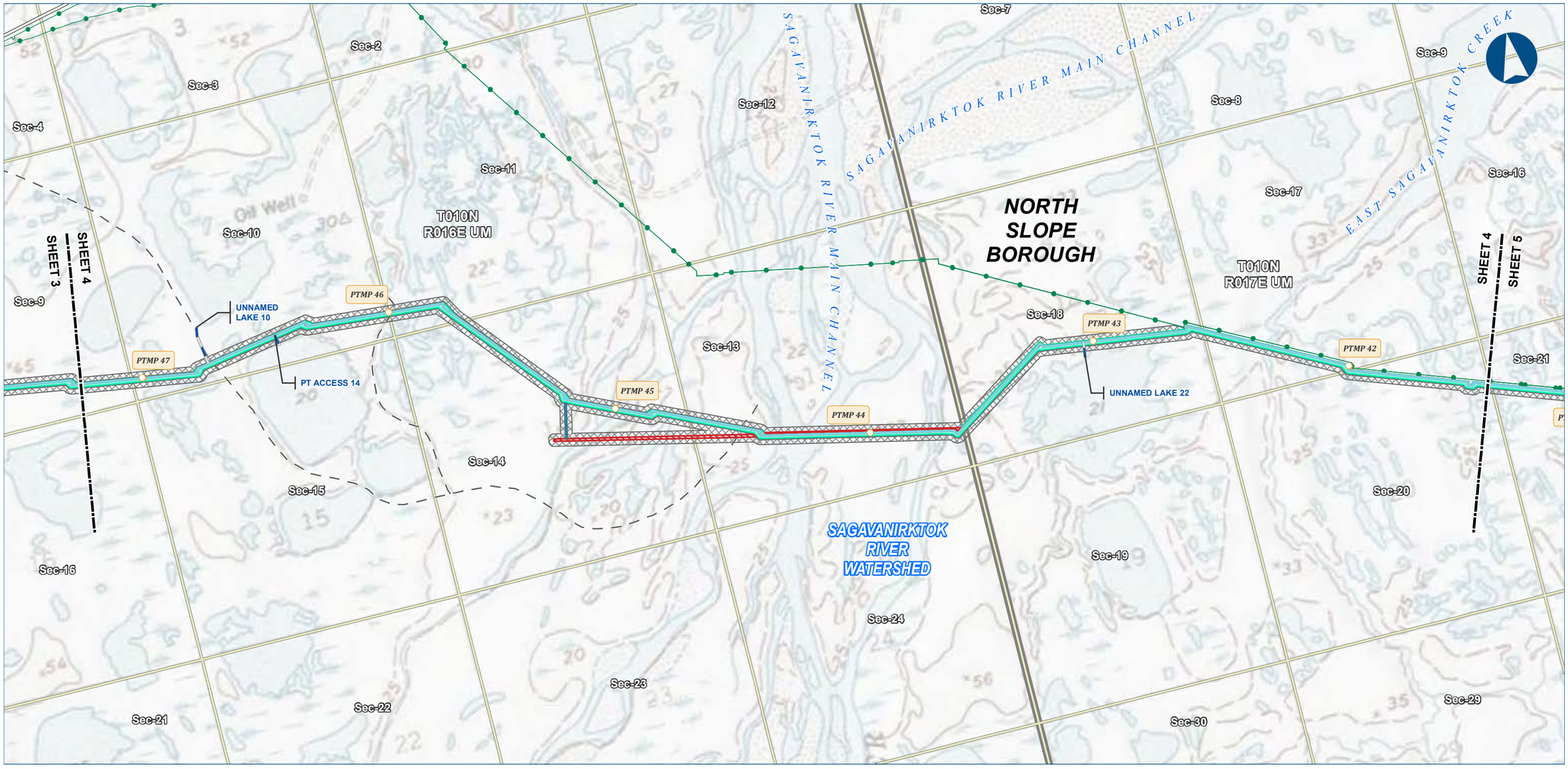
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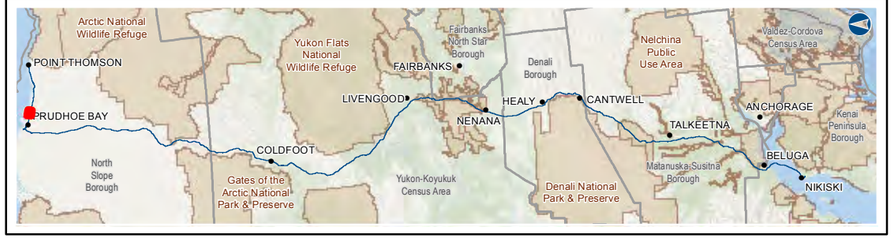
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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road
- Permanent ROW
- Construction ROW
- Road Crossing ATWS
- Stream Crossing ATWS

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- Existing Pipeline
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson Rev C Route

BOROUGH:	NORTH SLOPE	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

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DATE: 2017-03-29 | **PROJECTION:** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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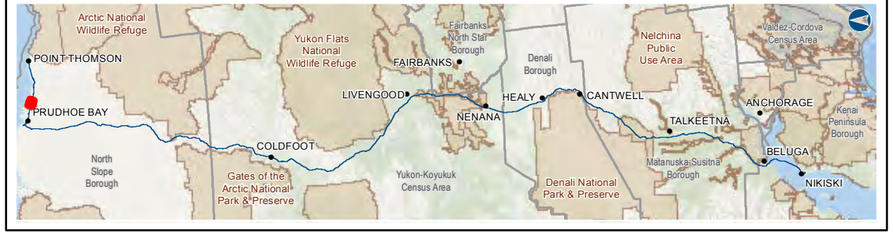
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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road
- Permanent ROW
- Construction ROW
- Stream Crossing ATWS

EXISTING FEATURES
- Existing Roads
- Existing Pipeline
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson Rev C Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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DWG:	RR2_APPENDIX_D1_PTTL_TOPO_REV_C_CL	***SHEET:***	5

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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG

NORTH SLOPE BOROUGH

T010N R018E UM

T009N R018E UM

Sec-27 Sec-28 Sec-29 Sec-31 Sec-32 Sec-33 Sec-34 Sec-35 Sec-36 Sec-6 Sec-1 Sec-2 Sec-3 Sec-4 Sec-5 Sec-6 Sec-31 Sec-12 Sec-11 Sec-10 Sec-9 Sec-8 Sec-13 Sec-14

SHEET 5 / SHEET 6

SHEET 6 / SHEET 7

PT ACCESS 12

MLBV MP35

MP35 HELIPAD

WINTER TRAIL

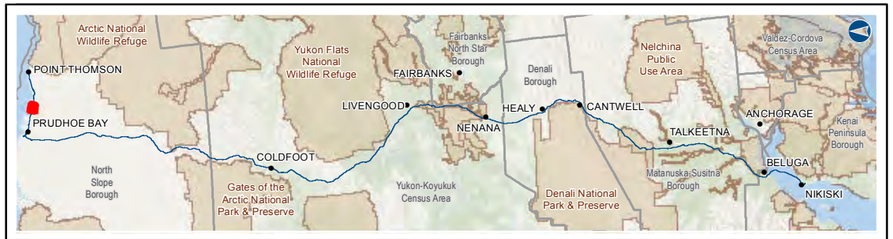
KADLEROSHILIK RIVER

MIKKELSON BAY WATERSHED

PTMP 36 PTMP 35 PTMP 34 PTMP 33 PTMP 32 PTMP 31 PTMP 30

PT ACCESS 11

APP LAKE 38



Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road
- Mainline Blockvalve
- Helipad
- Permanent ROW
- Construction ROW
- Stream Crossing ATWS

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- Existing Pipeline
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson Rev C Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-29

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1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-29	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
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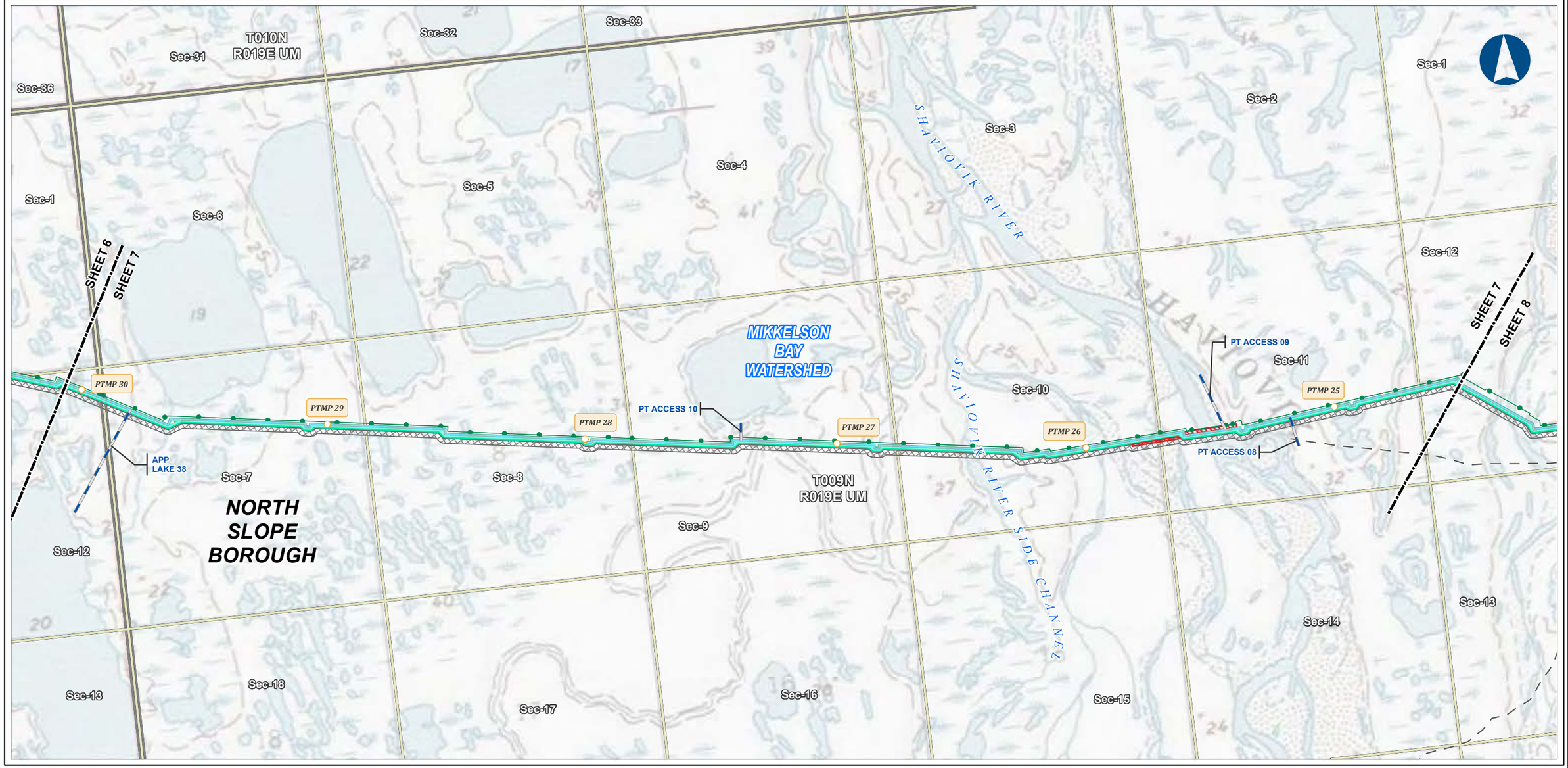
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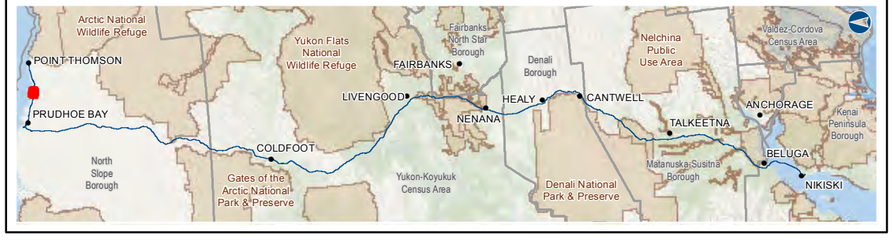
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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road
- Permanent ROW
- Construction ROW
- Stream Crossing ATWS

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- Existing Pipeline
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson
Rev C Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-29	***PROJECTION:*** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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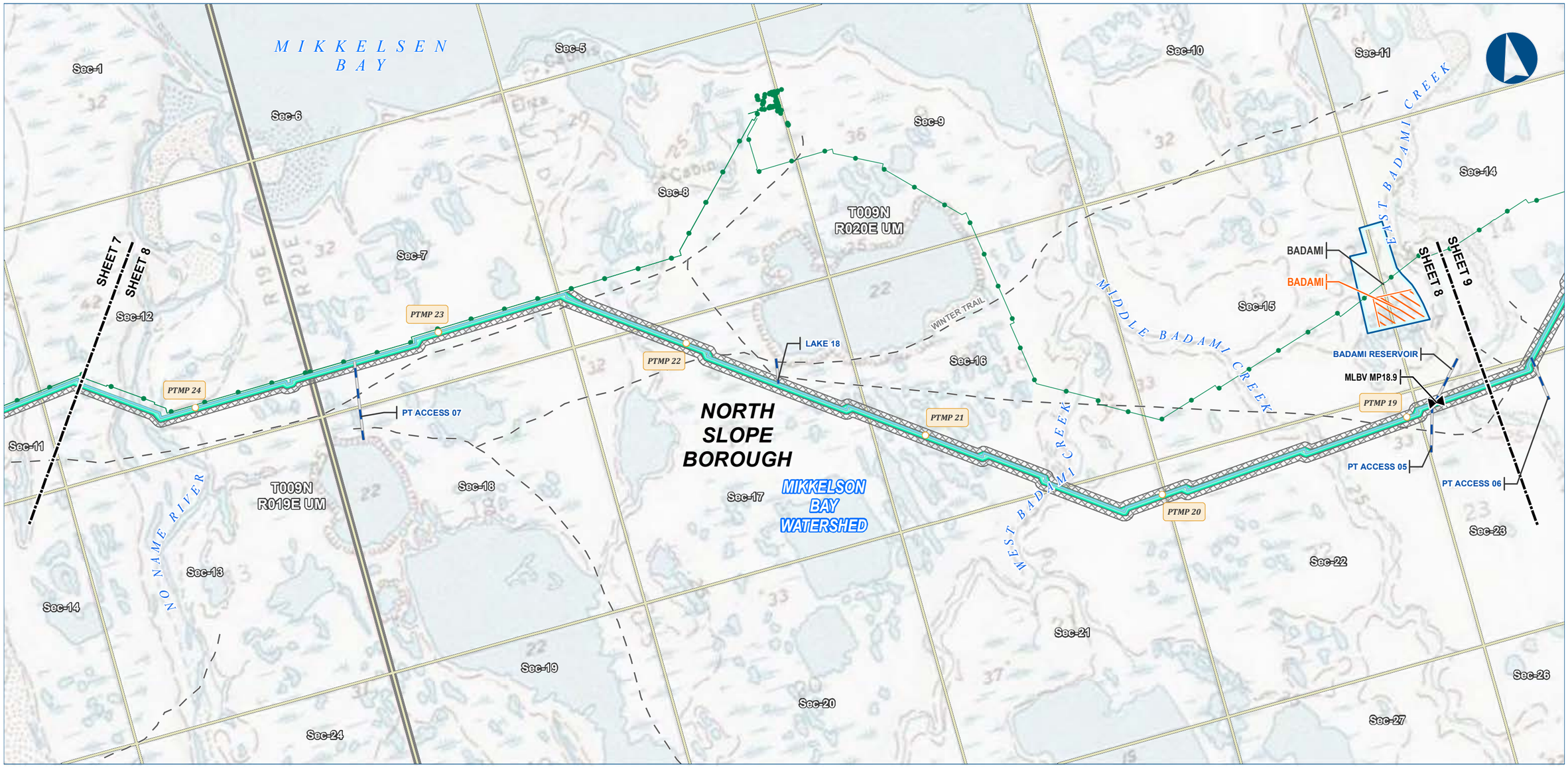
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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road
- Mainline Blockvalve
- Permanent ROW
- Construction ROW
- Camp
- Pipe Storage Yard (PSY)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- Existing Pipeline
- Section
- Township

ALASKA LNG PROJECT
Hydrology - Point Thomson
Rev C Route

BOROUGH:	NORTH SLOPE	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-29 | **PROJECTION:** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road
- Mainline Blockvalve
- Permanent ROW
- Construction ROW
- Camp
- Pipe Storage Yard (PSY)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- Existing Pipeline
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson
Rev C Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-29

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

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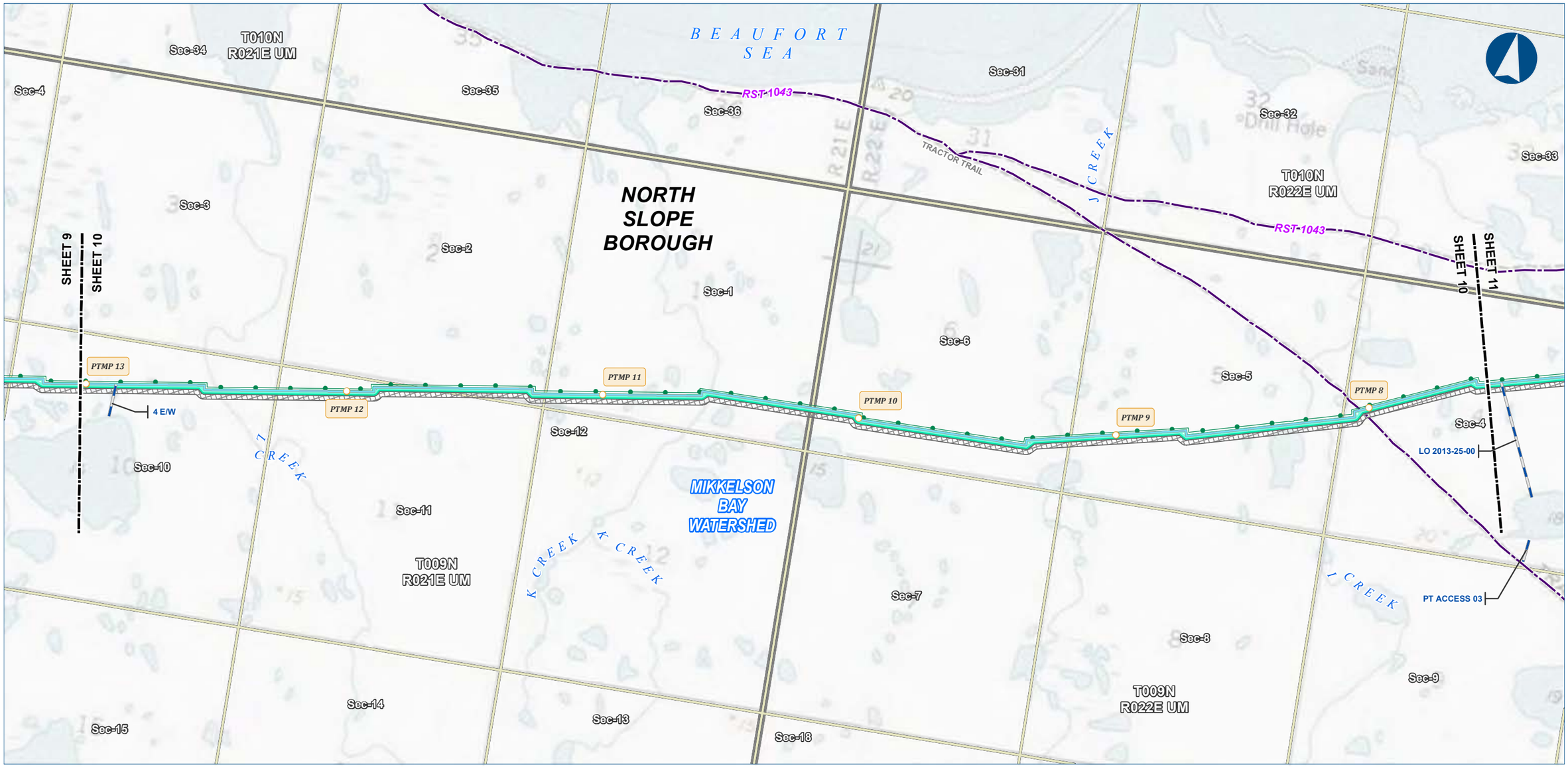
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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road
- Permanent ROW
- Construction ROW

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- Existing Pipeline
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson
Rev C Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
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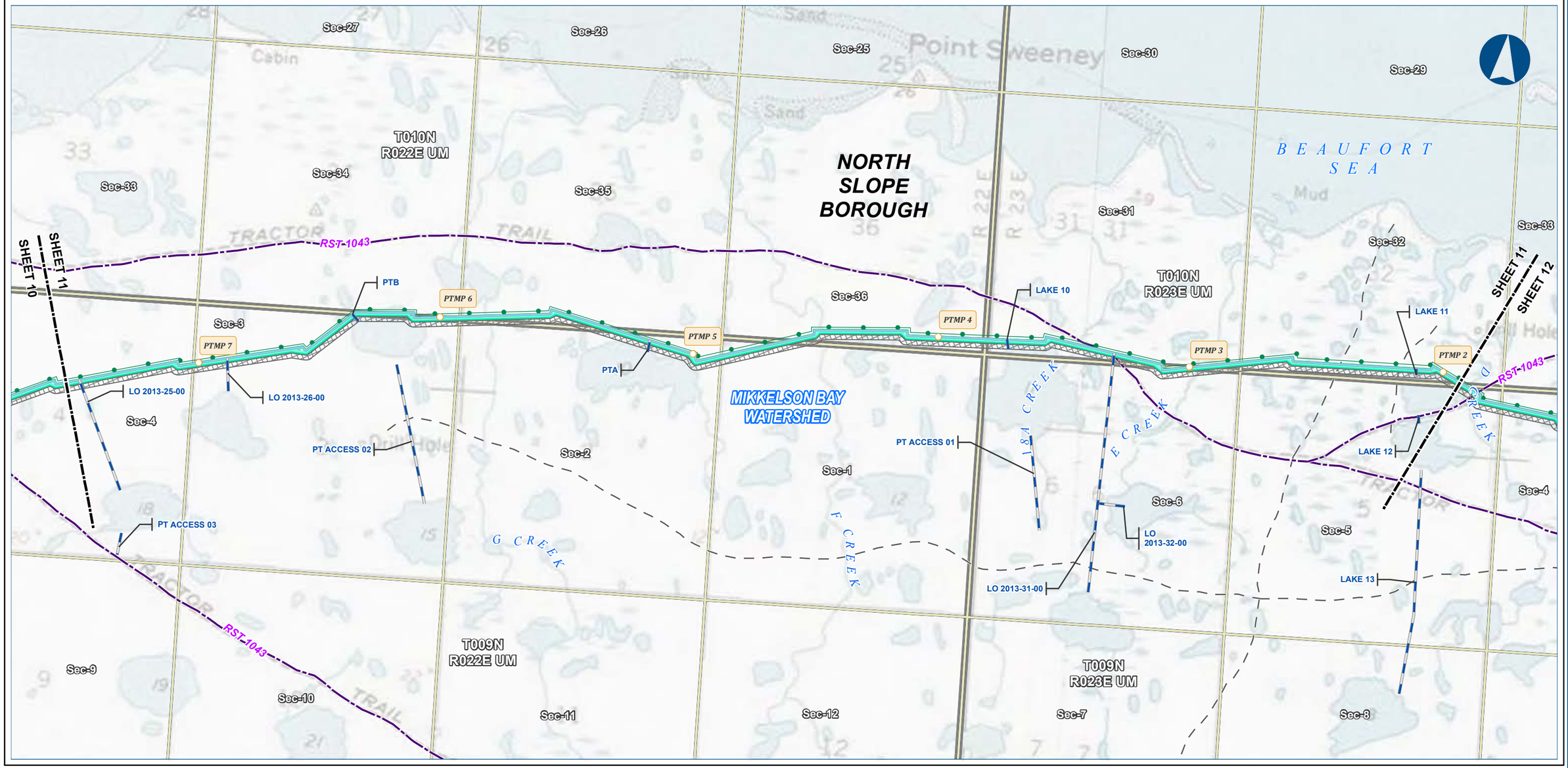
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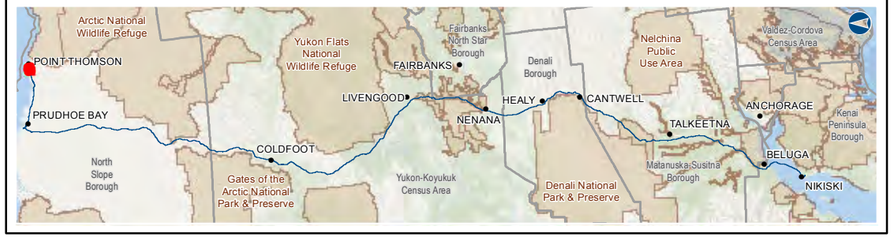
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Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road
- Permanent ROW
- Construction ROW

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- Existing Pipeline
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson
Rev C Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-29	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG:	RR2_APPENDIX_D1_PTTL_TOPO_REV_C_CL	***SHEET:***	11

DISCLAIMER

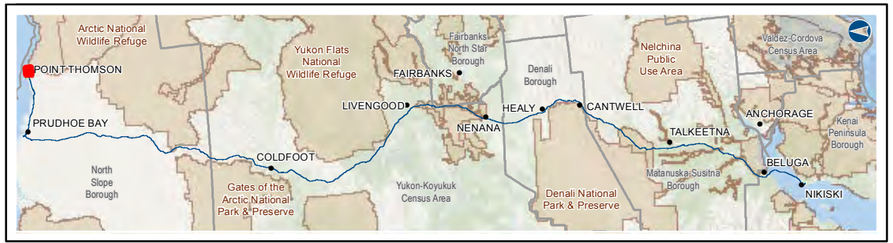
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HYDROLOGY - POINT THOMSON REV C ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Point Thomson Transmission Line
- Ice Pad Access Road
- Meter Station
- Permanent ROW
- Construction ROW

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- Existing Pipeline
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT

Hydrology - Point Thomson Rev C Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-29

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-29	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG:	RR2_APPENDIX_D1_PTTL_TOPO_REV_C_CL	***SHEET:***	12

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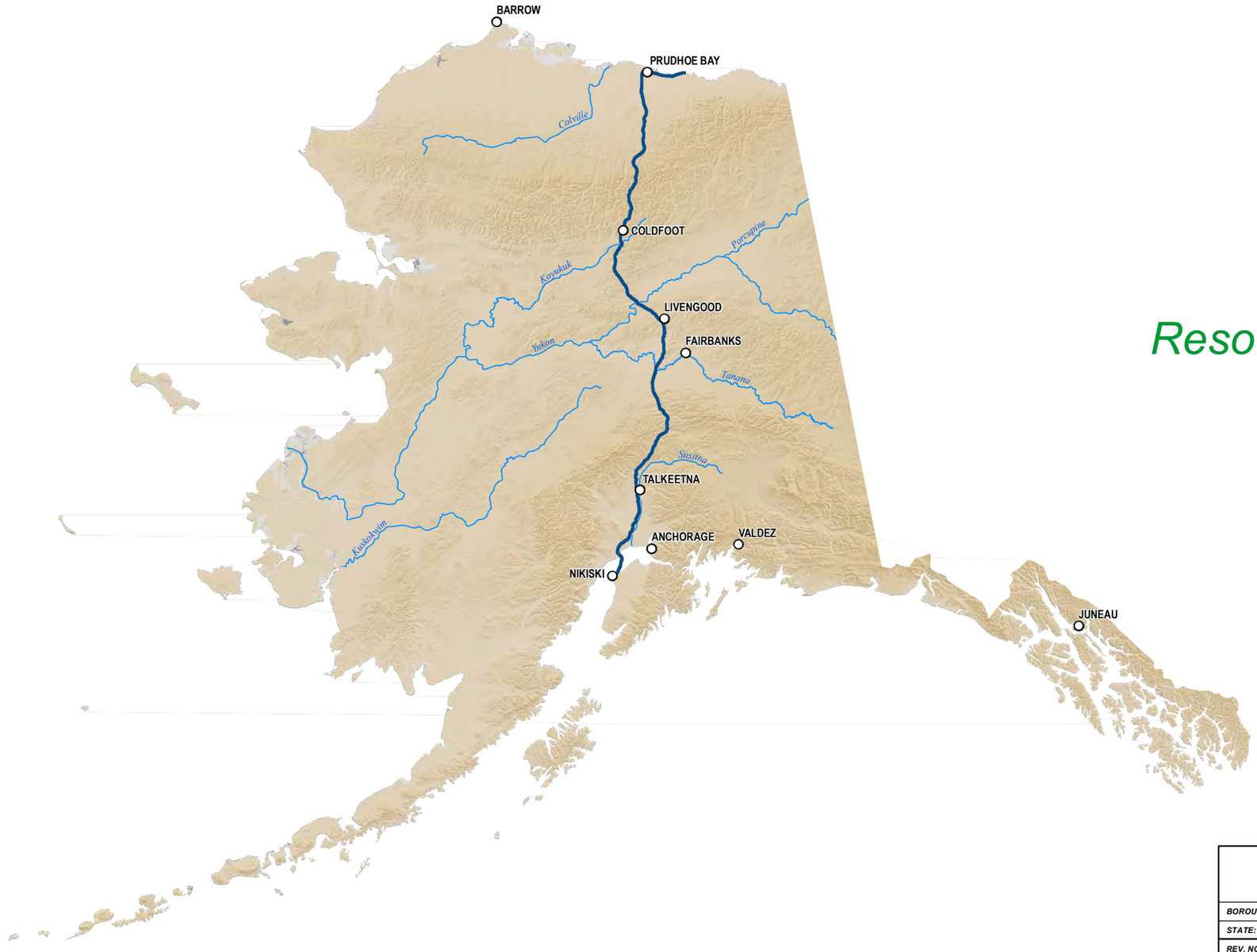
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Alaska LNG Project

Hydrology
Mainline Rev C2 Route

Resource Report 2, Appendix D1
Topographical Mapping



ALASKA LNG PROJECT *Hydrology* *Mainline Rev C2 Route*	
BOROUGH: -	**DRAWN BY:** AGDC
STATE: ALASKA	**CHECKED BY:**

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-09

PRELIMINARY

1:10,000,000 | 0 100 200 Miles

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DATE: 2017-03-09 | **PROJECTION:** NAD 1983 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004 | **DWG:** RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL_COVER | **SHEET:** COVER PAGE

HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

NORTH SLOPE BOROUGH

Arctic National Wildlife Refuge

PRUDHOE BAY

MP 0 | MP 20 | MP 40 | MP 60 | MP 80 | MP 100 | MP 120 | MP 140

Pg. 13 | Pg. 14 | Pg. 15 | Pg. 16 | Pg. 17 | Pg. 18 | Pg. 19 | Pg. 20 | Pg. 21 | Pg. 22 | Pg. 23 | Pg. 24 | Pg. 25 | Pg. 26 | Pg. 27 | Pg. 28 | Pg. 29 | Pg. 30 | Pg. 31 | Pg. 32 | Pg. 33 | Pg. 34 | Pg. 35 | Pg. 36 | Pg. 37 | Pg. 38 | Pg. 39 | Pg. 40 | Pg. 41

ALASKA LNG PROJECT

Hydrology
Mainline Rev C2 Route

BOROUGH:	-	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-09

PRELIMINARY

1:595,900 | 0 5 10 Miles

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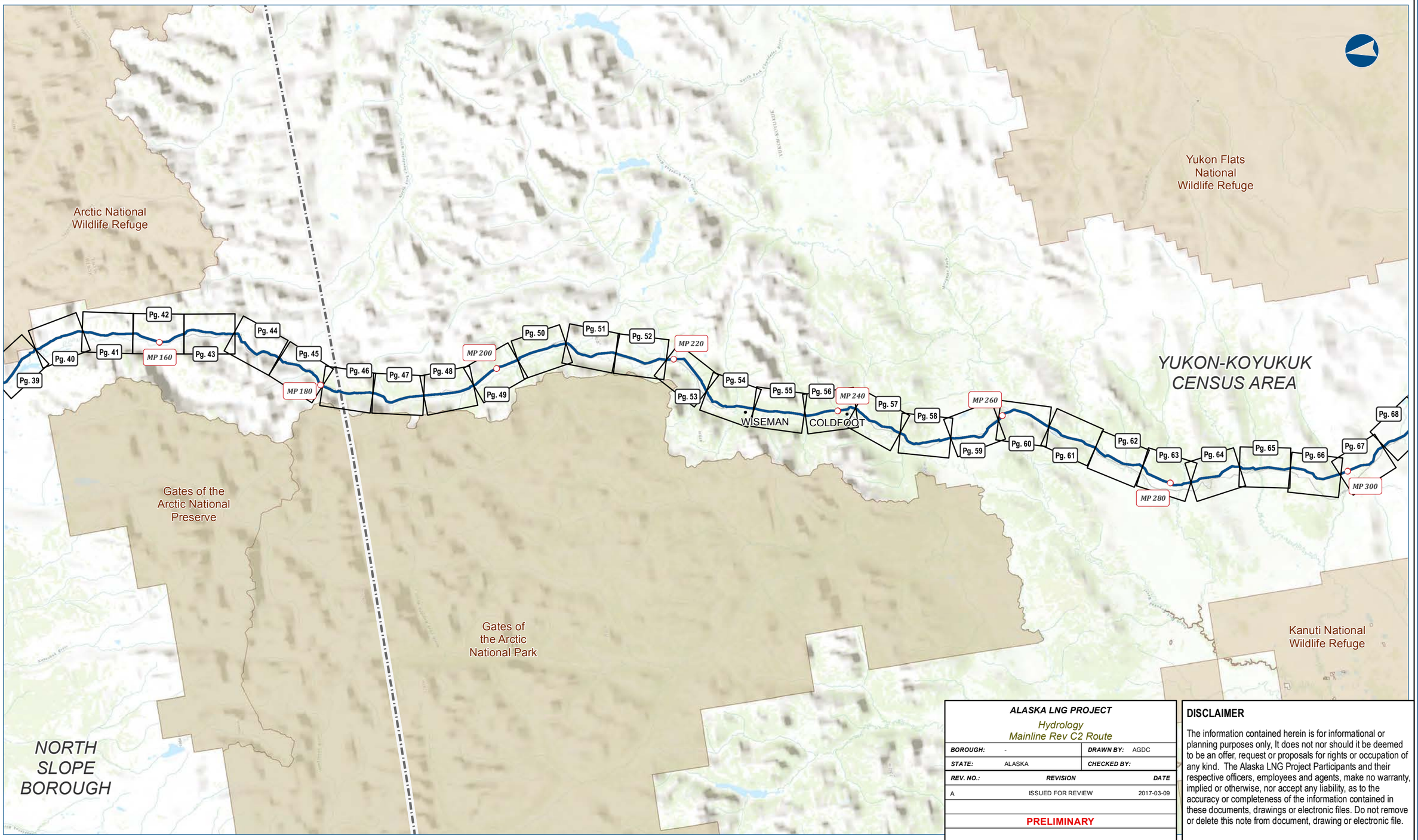
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Alaska LNG Project

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG



ALASKA LNG PROJECT

Hydrology
Mainline Rev C2 Route

BOROUGH:	-	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-09

PRELIMINARY

1:595,900 — 0 5 10 Miles

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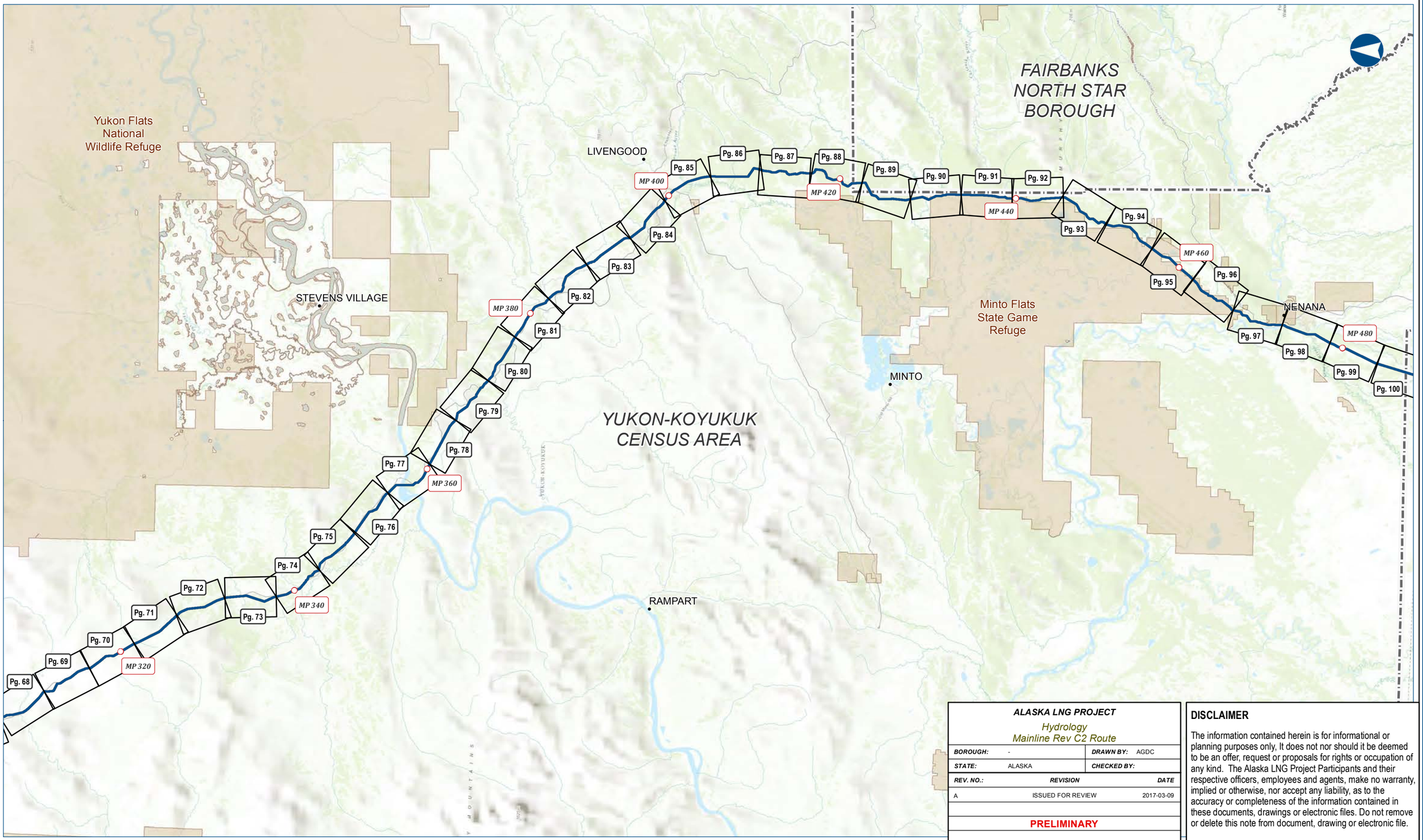
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Alaska LNG Project

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG



ALASKA LNG PROJECT			
Hydrology Mainline Rev C2 Route			
BOROUGH:	-	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-09

PRELIMINARY

1:595,900 — 0 5 10 Miles

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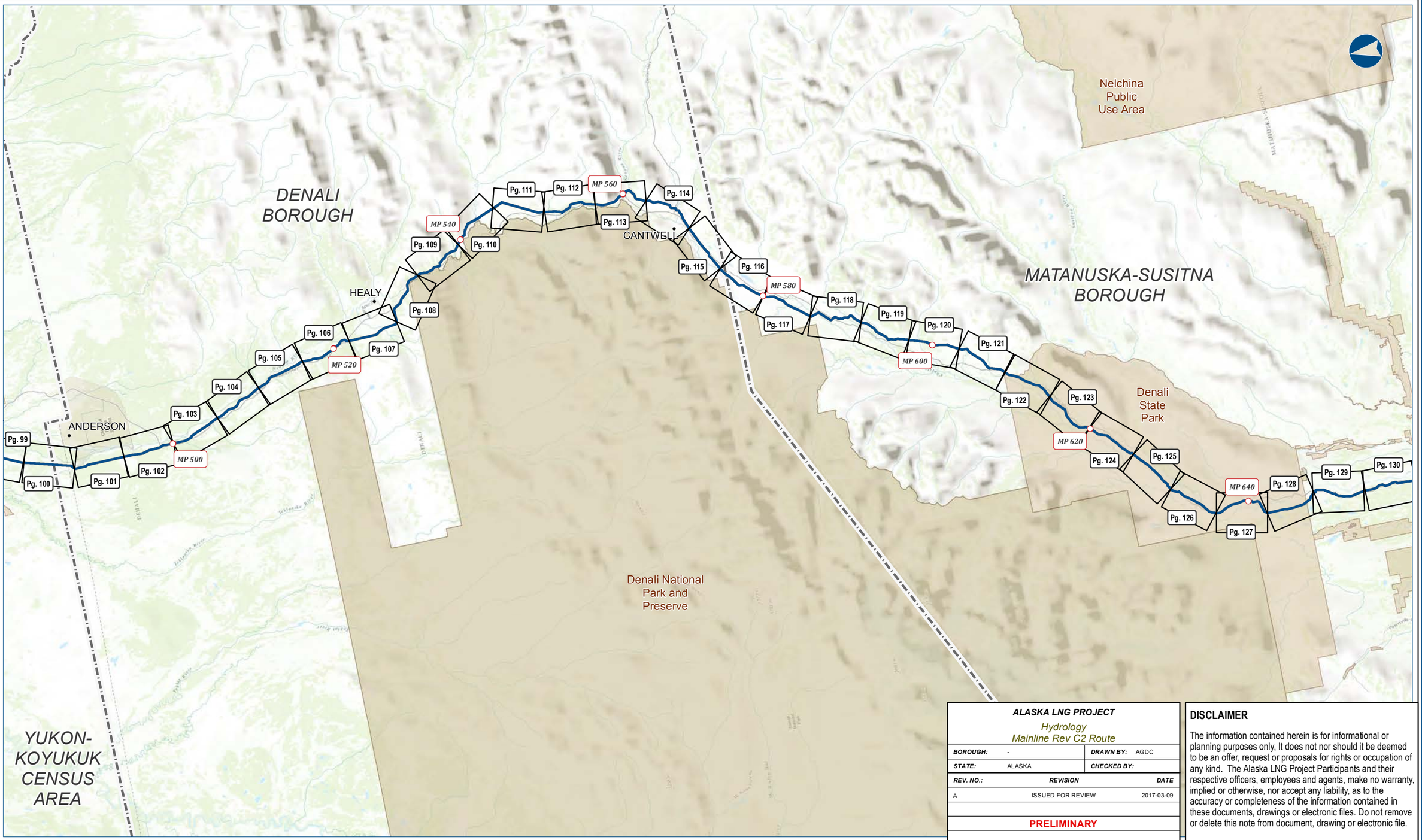
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2017-03-09	NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	RR2_APPENDIX_D_1_2_MAINLINE_INDEX_REV_C2_CL	ML-INDEX

Alaska LNG Project

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG



ALASKA LNG PROJECT

Hydrology
Mainline Rev C2 Route

BOROUGH:	-	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-09

PRELIMINARY

1:595,900 — 0 5 10 Miles

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Alaska LNG Project

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

Nelchina Public Use Area

WASILLA

Chugach State Park

MUNICIPALITY OF ANCHORAGE

ANCHORAGE

Chugach National Forest

KENAI PENINSULA BOROUGH

Kenai National Wildlife Refuge

WILLOW

Susitna Flats State Game Refuge

TALKEETNA

TRAPPER CREEK

Cook Inlet

MATANUSKA-SUSITNA BOROUGH

Denali State Park

Denali National Park and Preserve

TYONEK

NIKISKI

MP 640 MP 660 MP 680 MP 700 MP 720 MP 740 MP 760 MP 780 MP 800

Pg. 127 Pg. 128 Pg. 129 Pg. 130 Pg. 131 Pg. 132 Pg. 133 Pg. 134 Pg. 135 Pg. 136 Pg. 137 Pg. 138 Pg. 139 Pg. 140 Pg. 141 Pg. 142 Pg. 143 Pg. 144 Pg. 145 Pg. 146 Pg. 147 Pg. 148 Pg. 149 Pg. 150 Pg. 151 Pg. 152 Pg. 153 Pg. 154 Pg. 155 Pg. 156

ALASKA LNG PROJECT

Hydrology
Mainline Rev C2 Route

BOROUGH:	-	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-09

PRELIMINARY

1:595,900 | 0 5 10 Miles

DATE: 2017-03-09 | **PROJECTION:** NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004

DWG: RR2_APPENDIX_D_1_2_MAINLINE_INDEX_REV_C2_CL | **SHEET:** ML-INDEX

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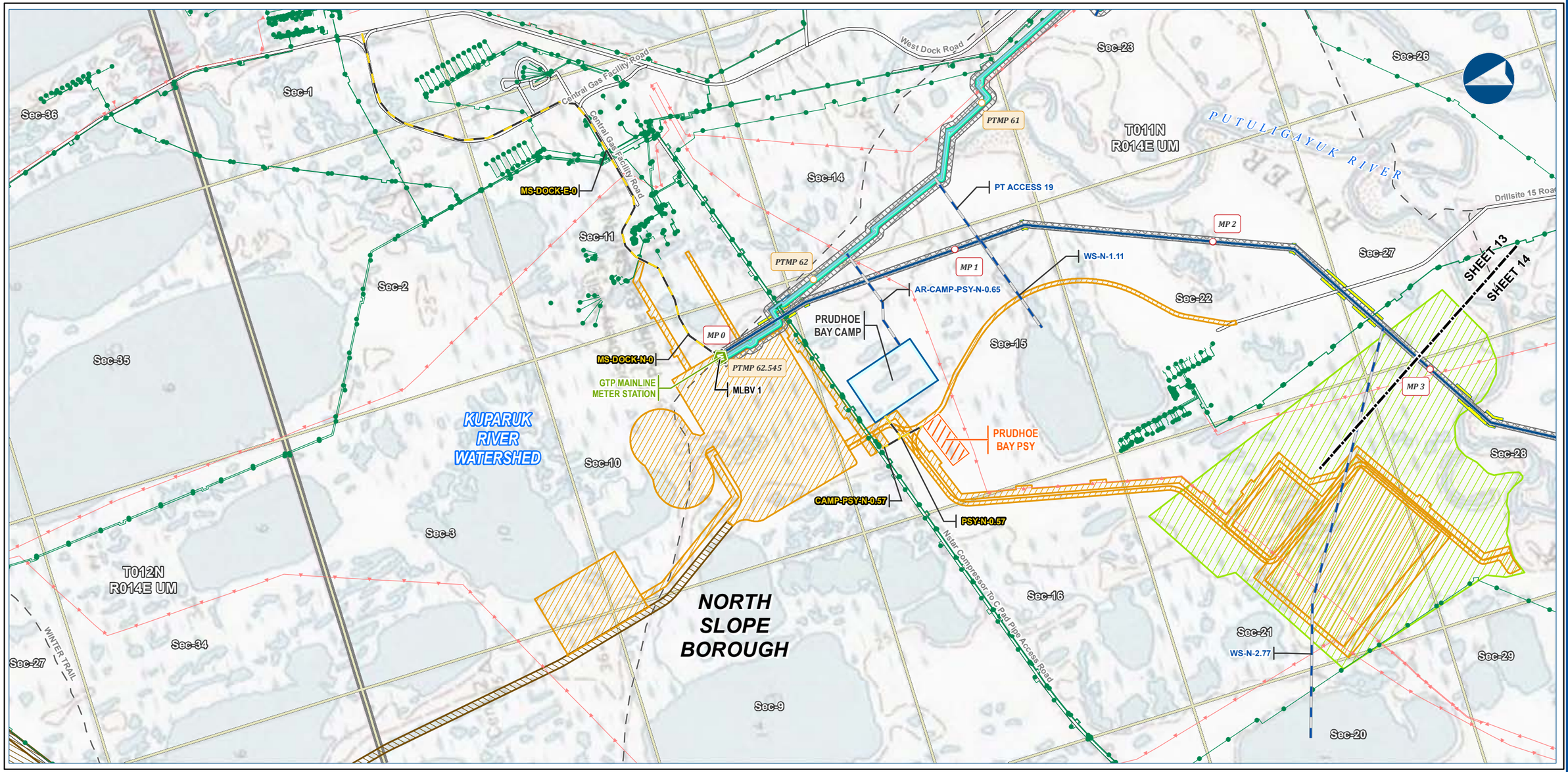
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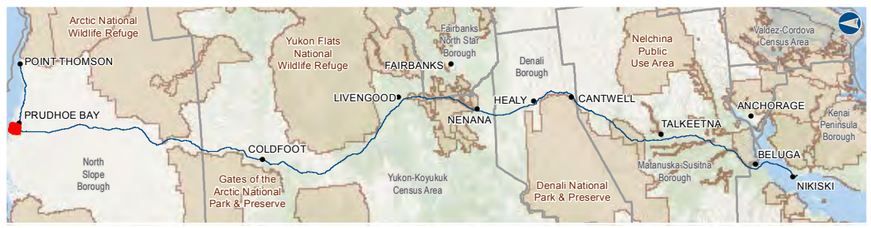
Alaska LNG Project

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

GTP
- GTP Footprint - Permanent
- GTP Footprint - Construction
- GTP Mine/Reservoir Study Area

PIPELINE
- Alaska LNG Rev C2 Route
- Point Thomson Transmission Line
- Access Road - Gravel
- Access Road - Ice
- Ice Pad Access Road
- Meter Station
- Mainline Blockvalve
- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- Existing Pipeline
- Overhead Powerline
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-29

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-29	***PROJECTION:*** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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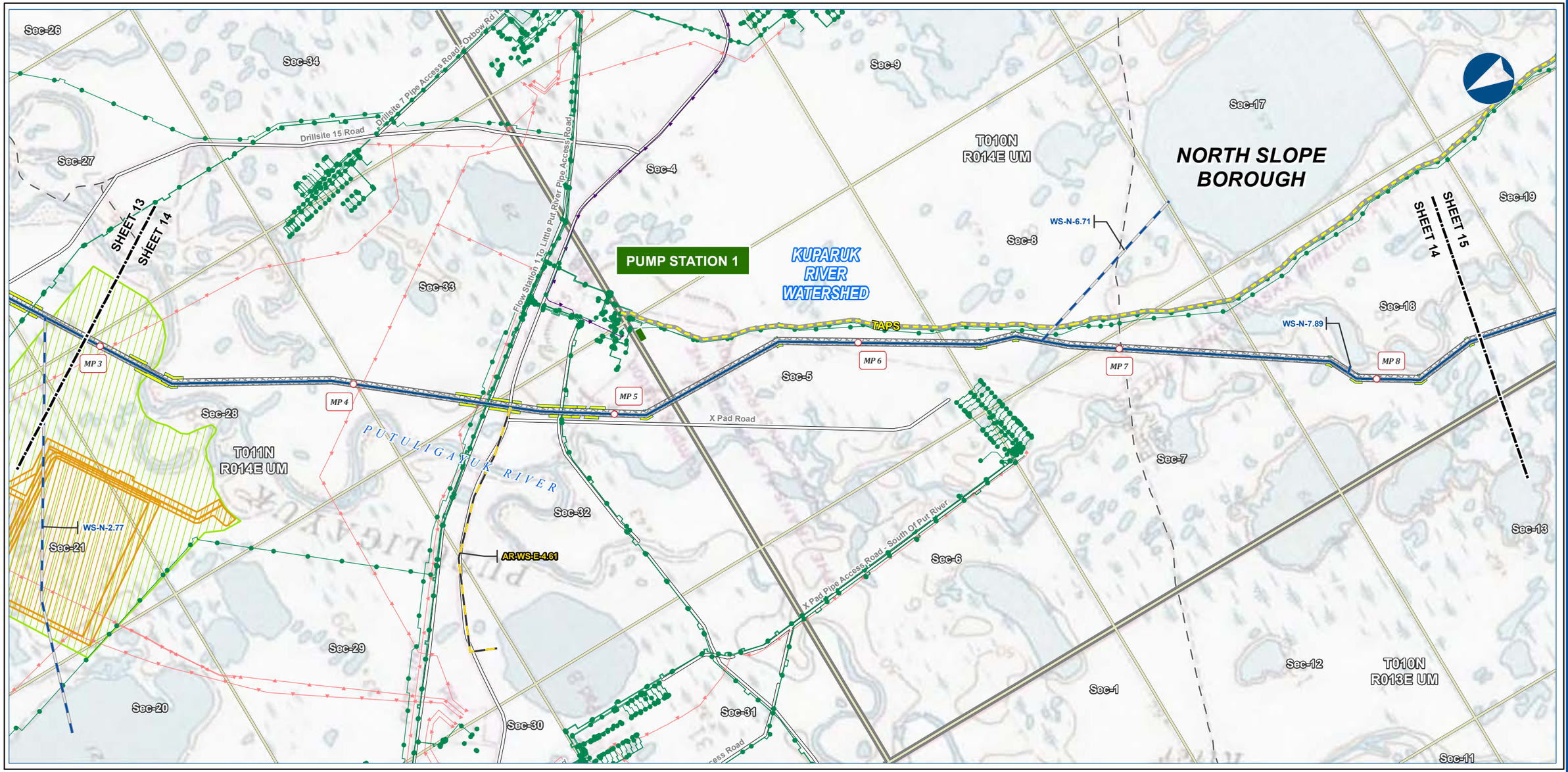
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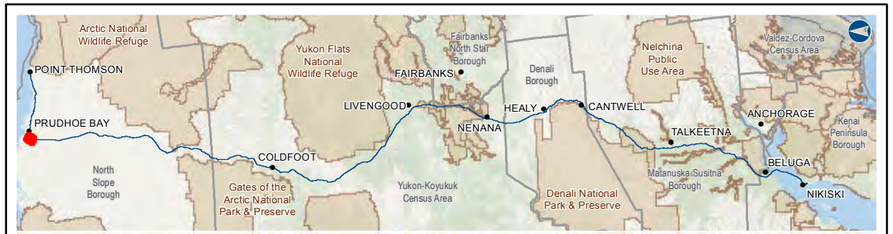
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

GTP
- GTP Footprint - Permanent
- GTP Mine/Reservoir Study Area

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Overhead Powerline
- Alaska DOT Place Names
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

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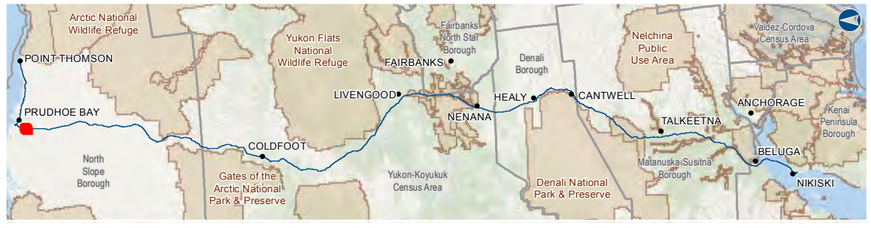
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
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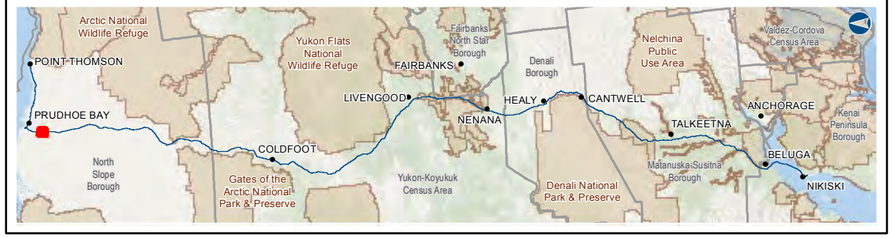
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS

EXISTING FEATURES
- Existing Roads
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
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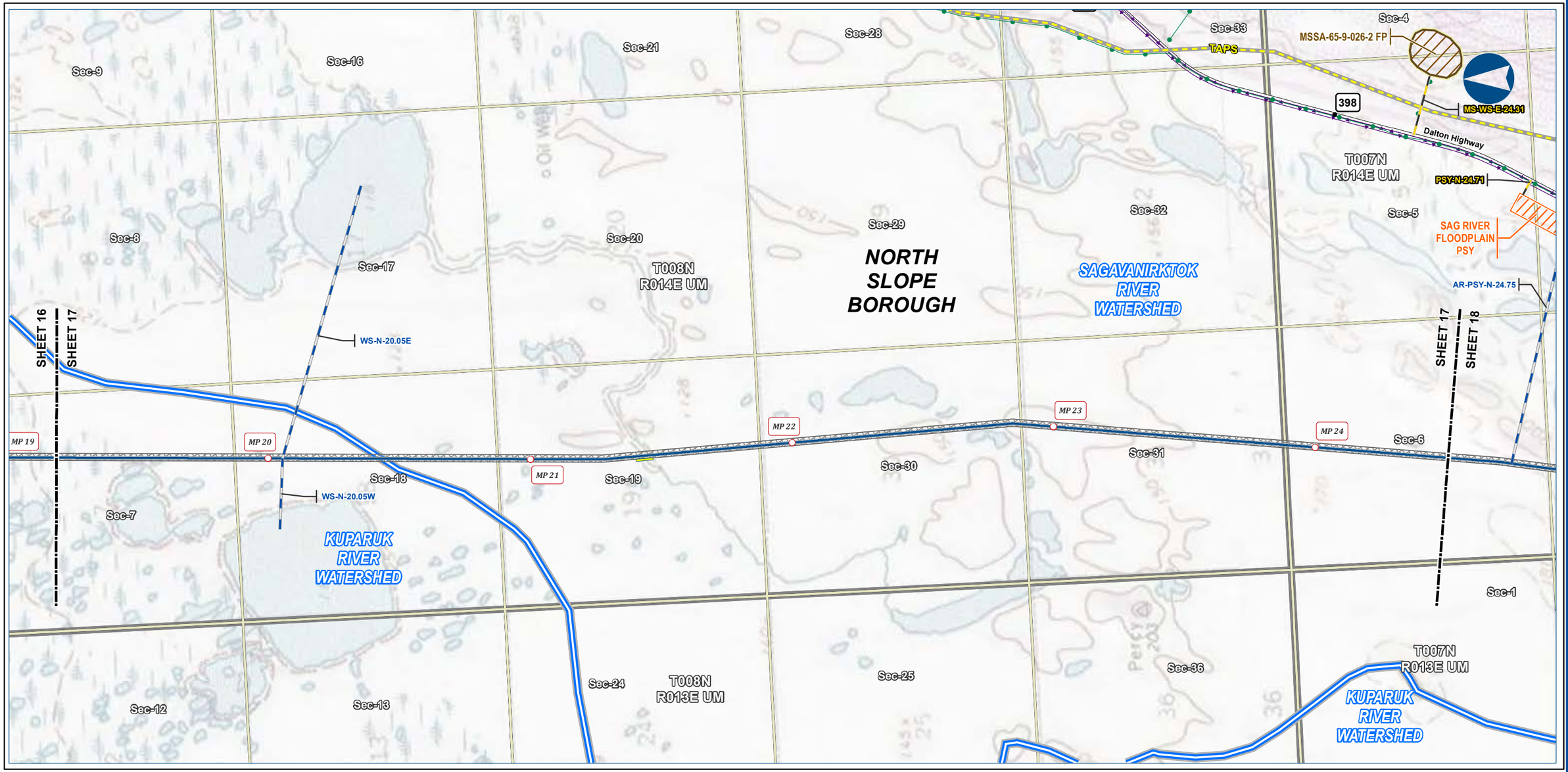
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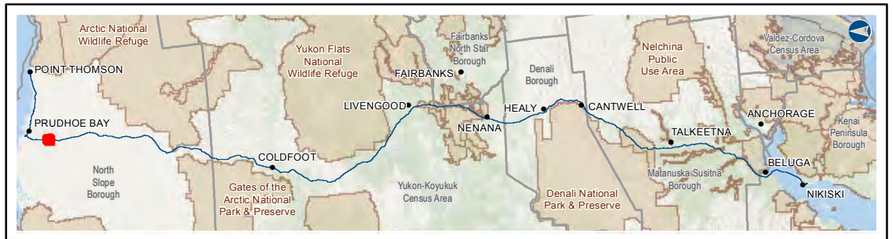
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	17

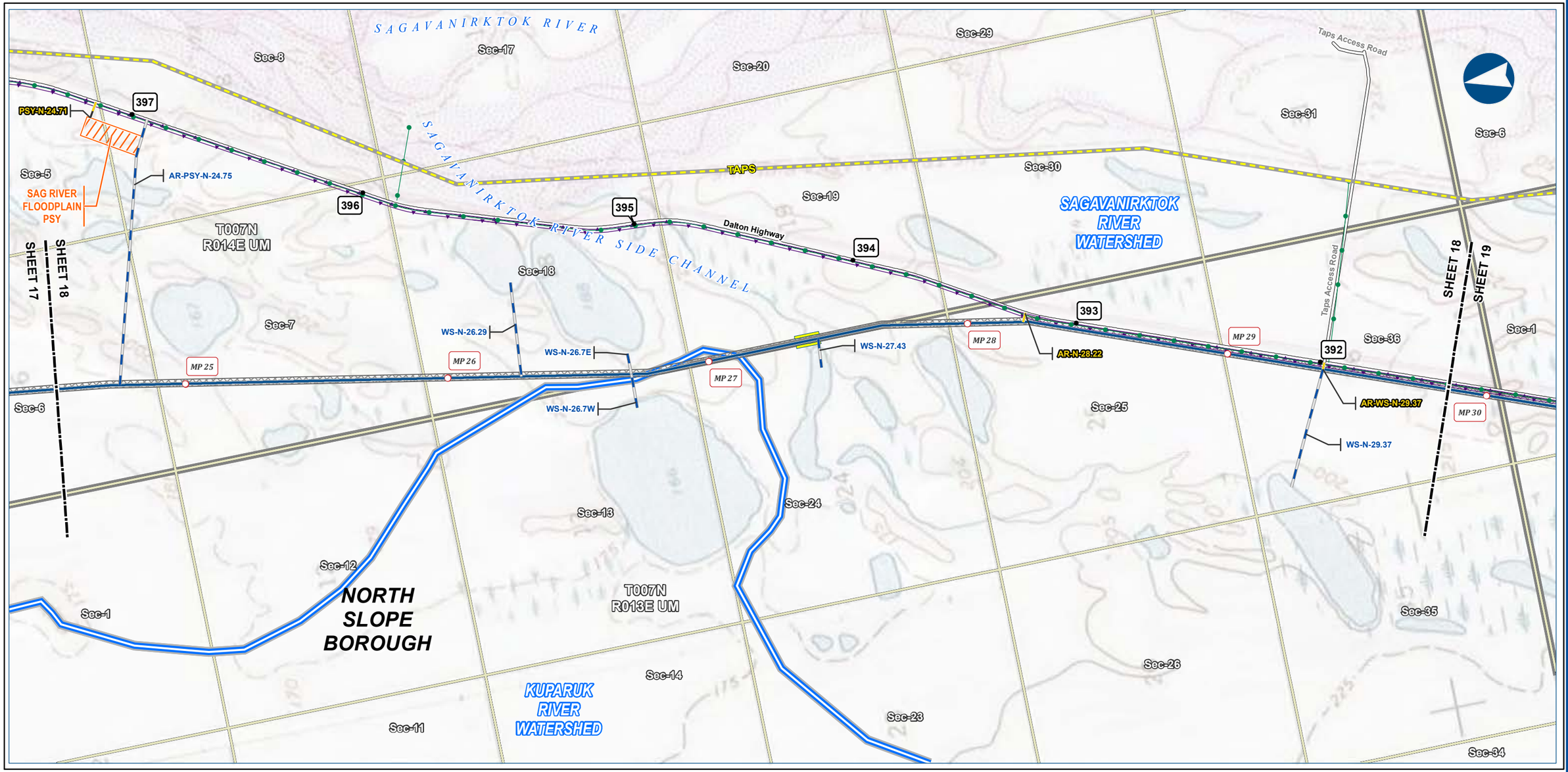
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
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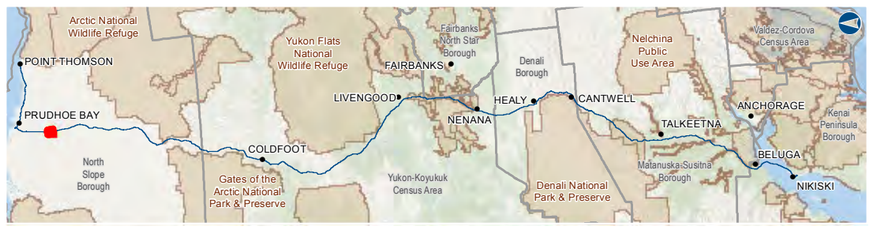
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL	***SHEET:***	19	

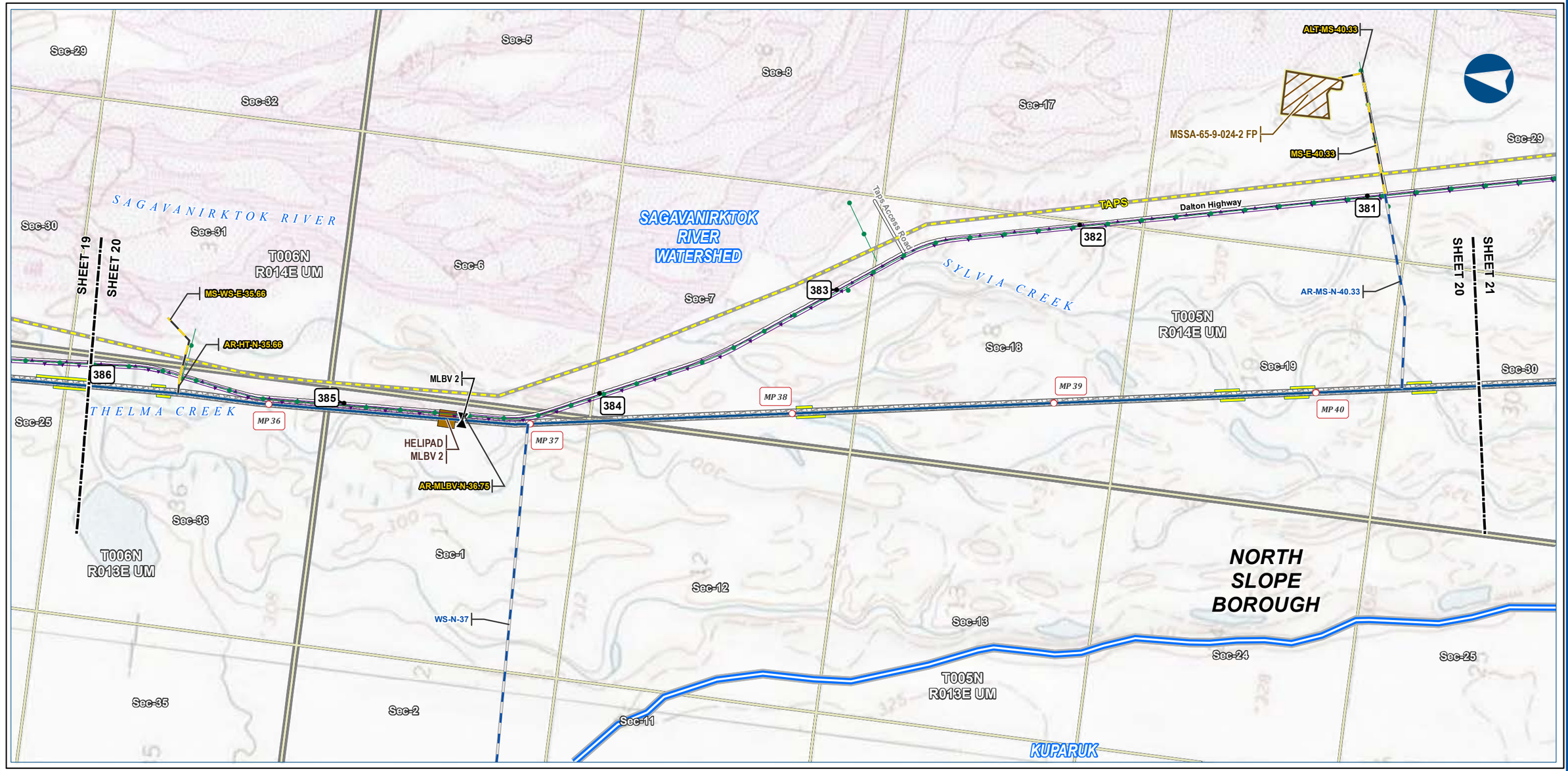
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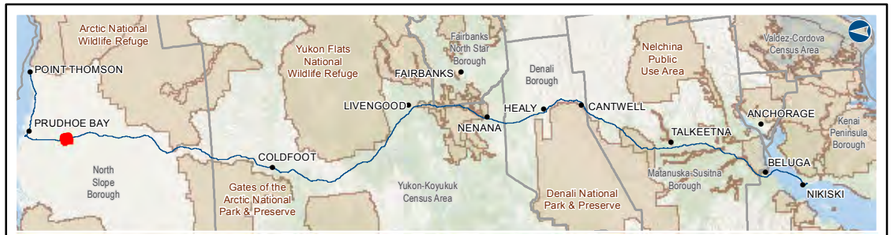
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Mainline Blockvalve
- Helipad
- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
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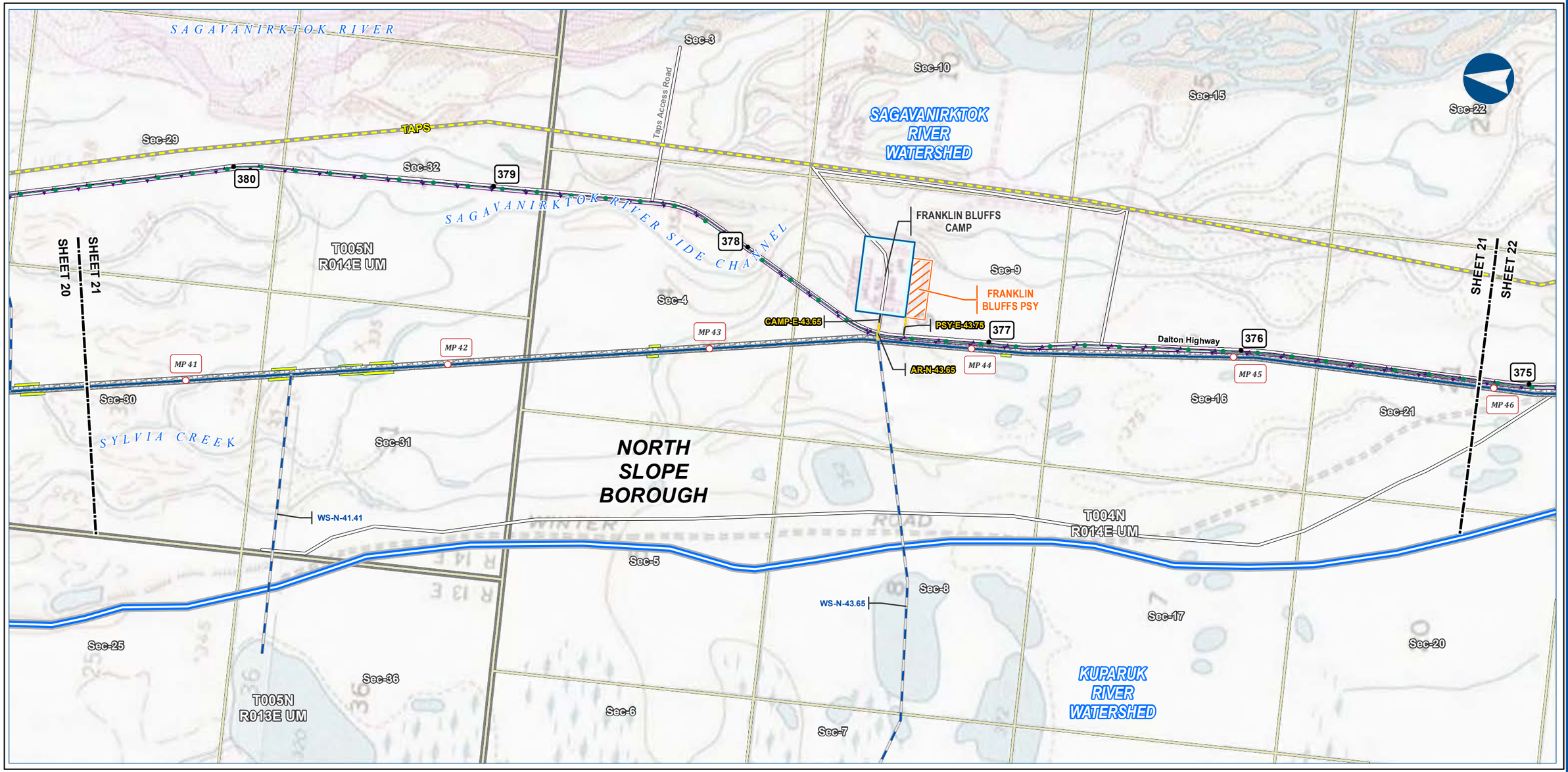
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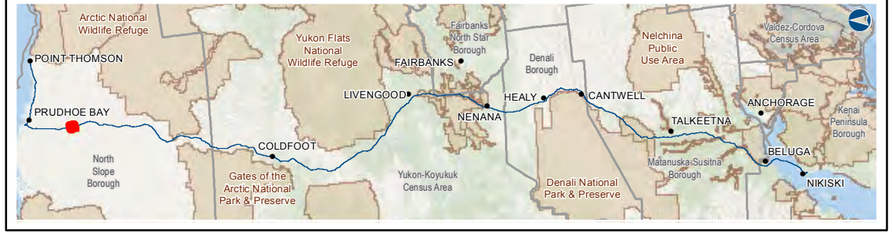
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

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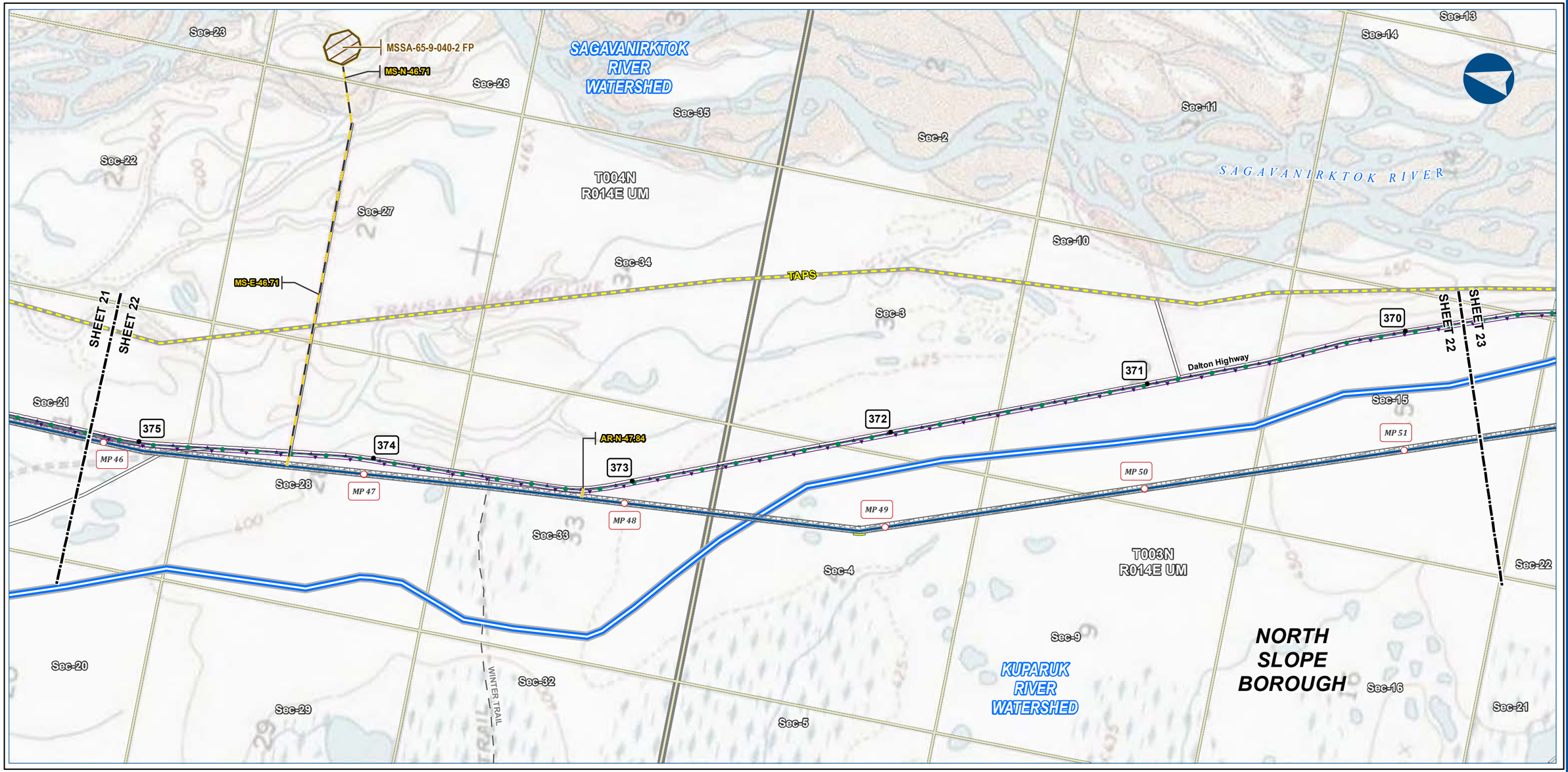
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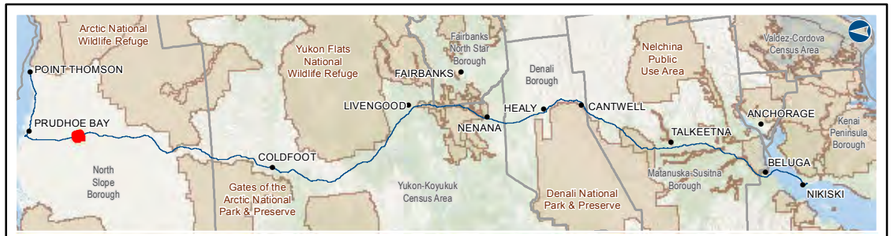
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE:	2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

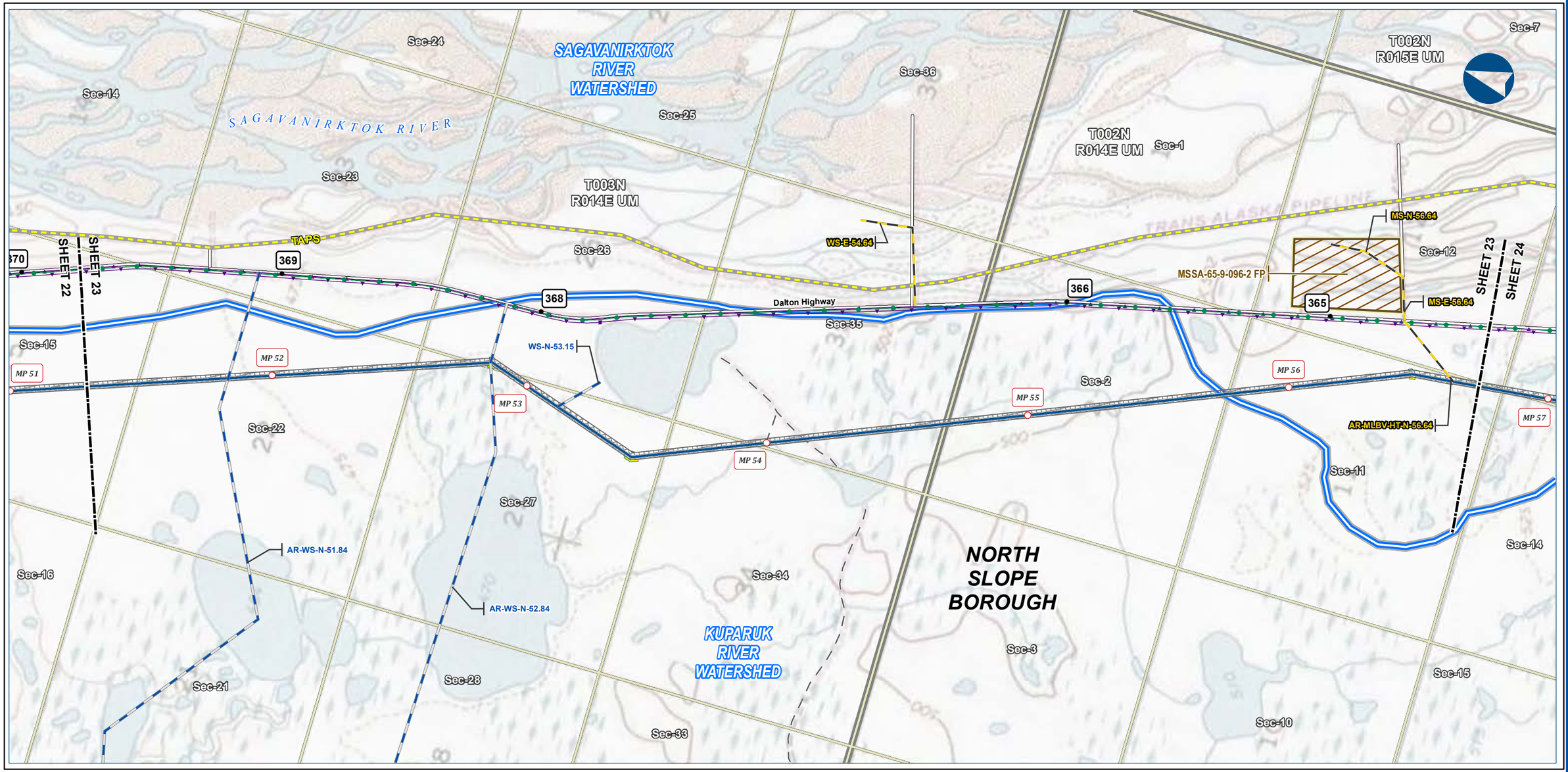
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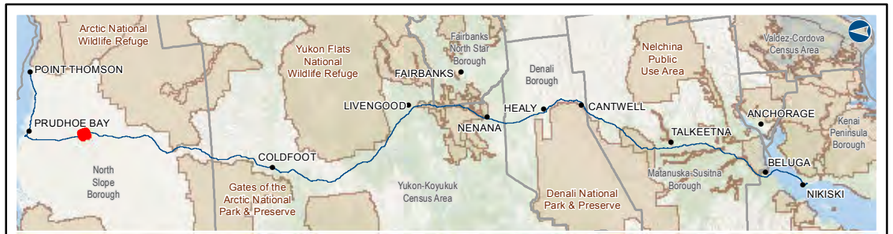
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	23

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Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
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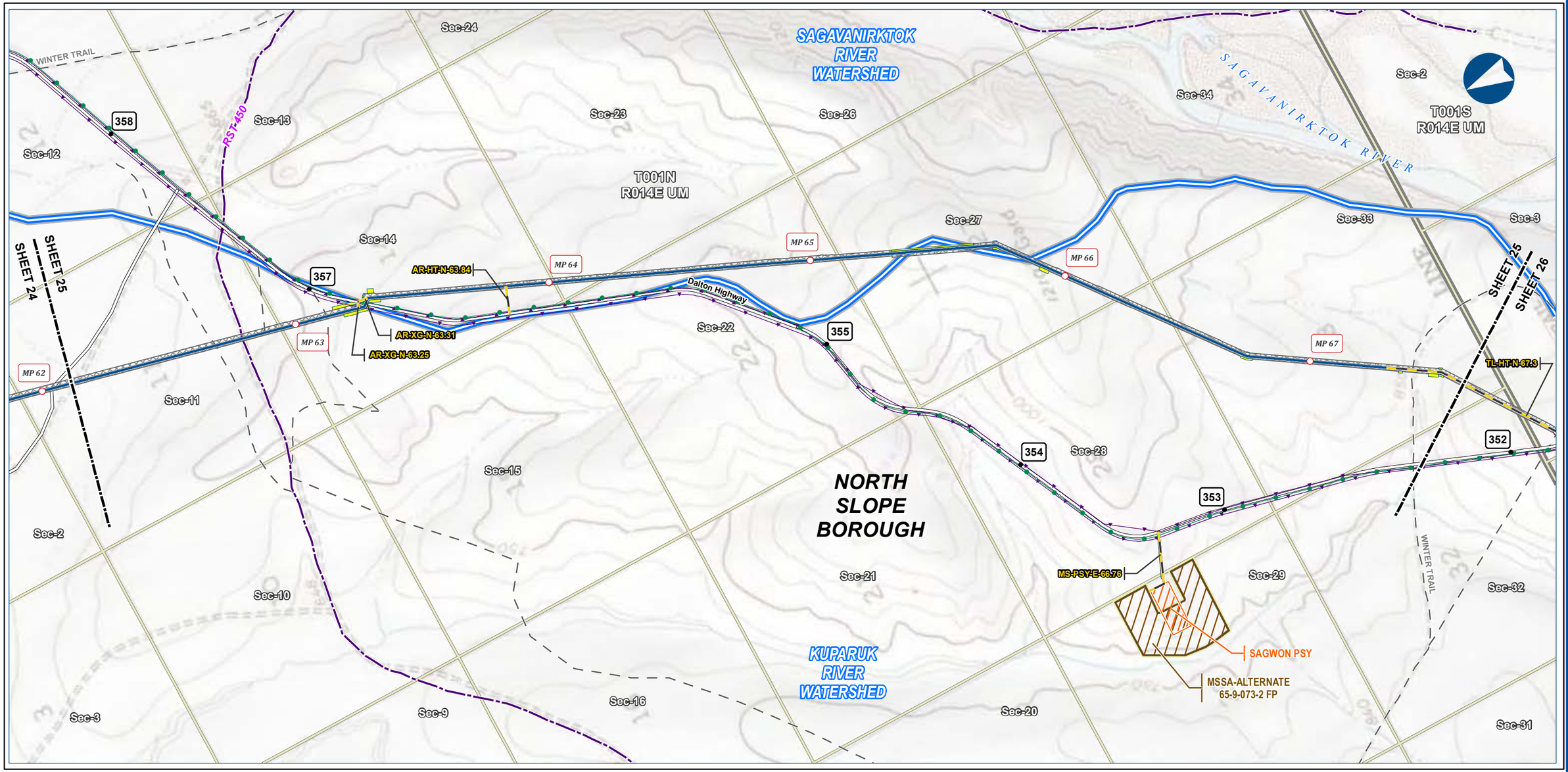
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
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DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
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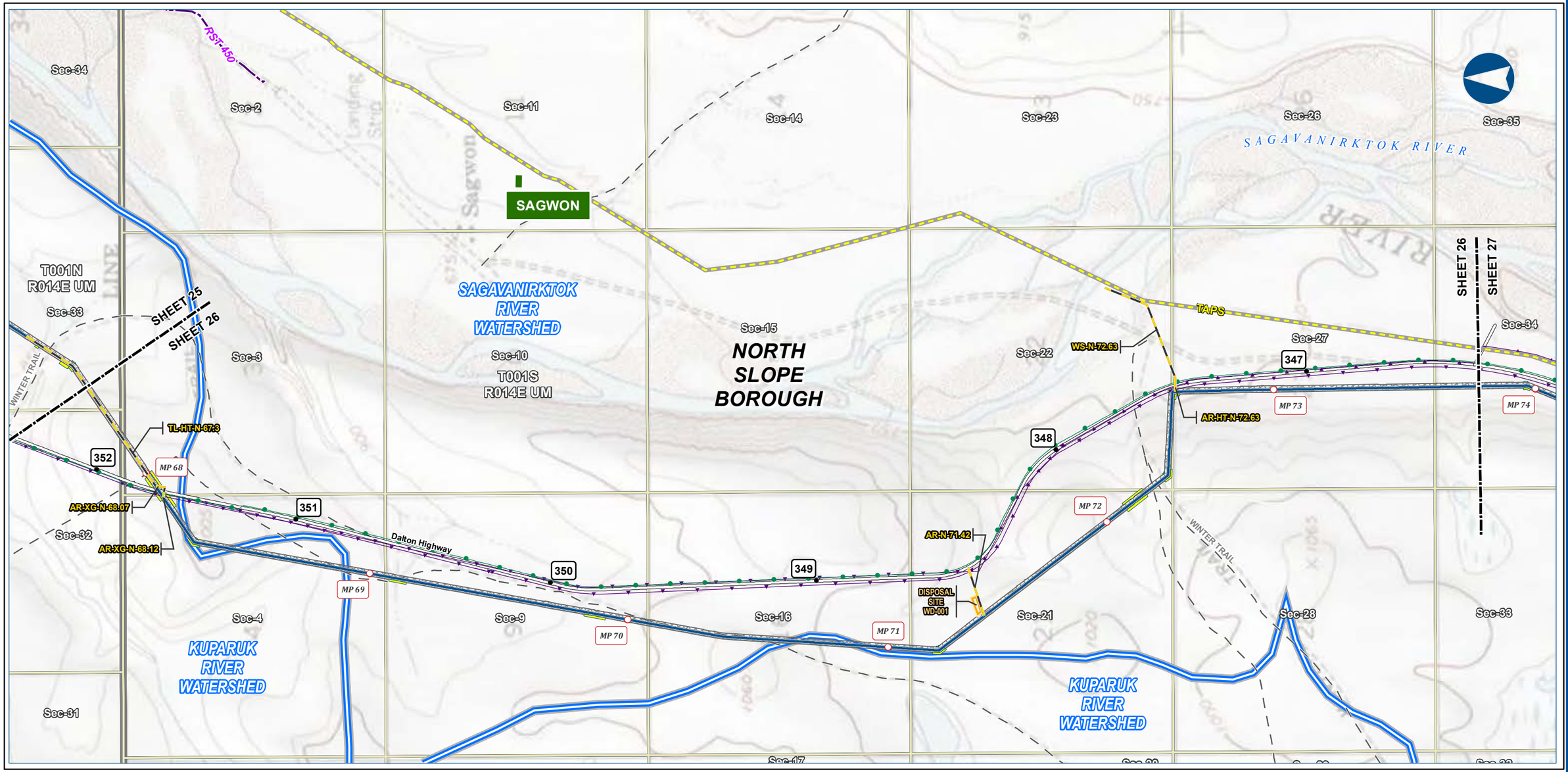
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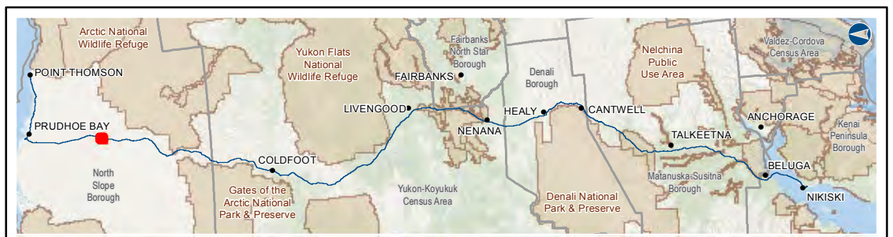
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Alaska DOT Place Names
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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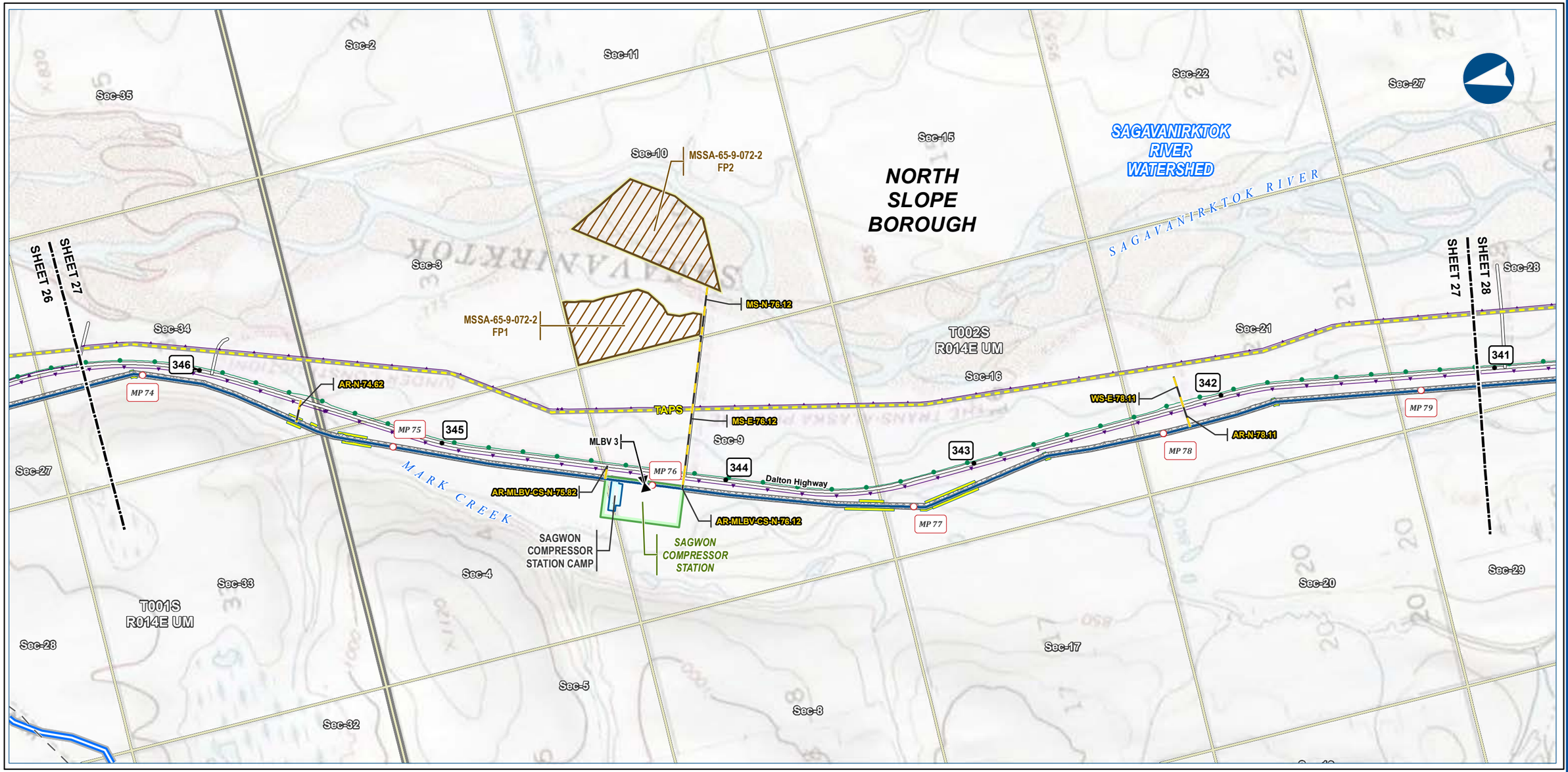
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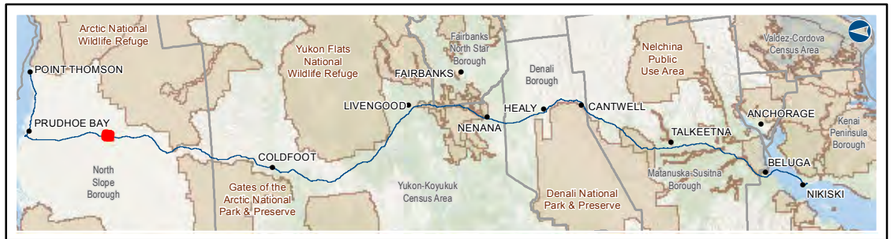
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve
- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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PRELIMINARY

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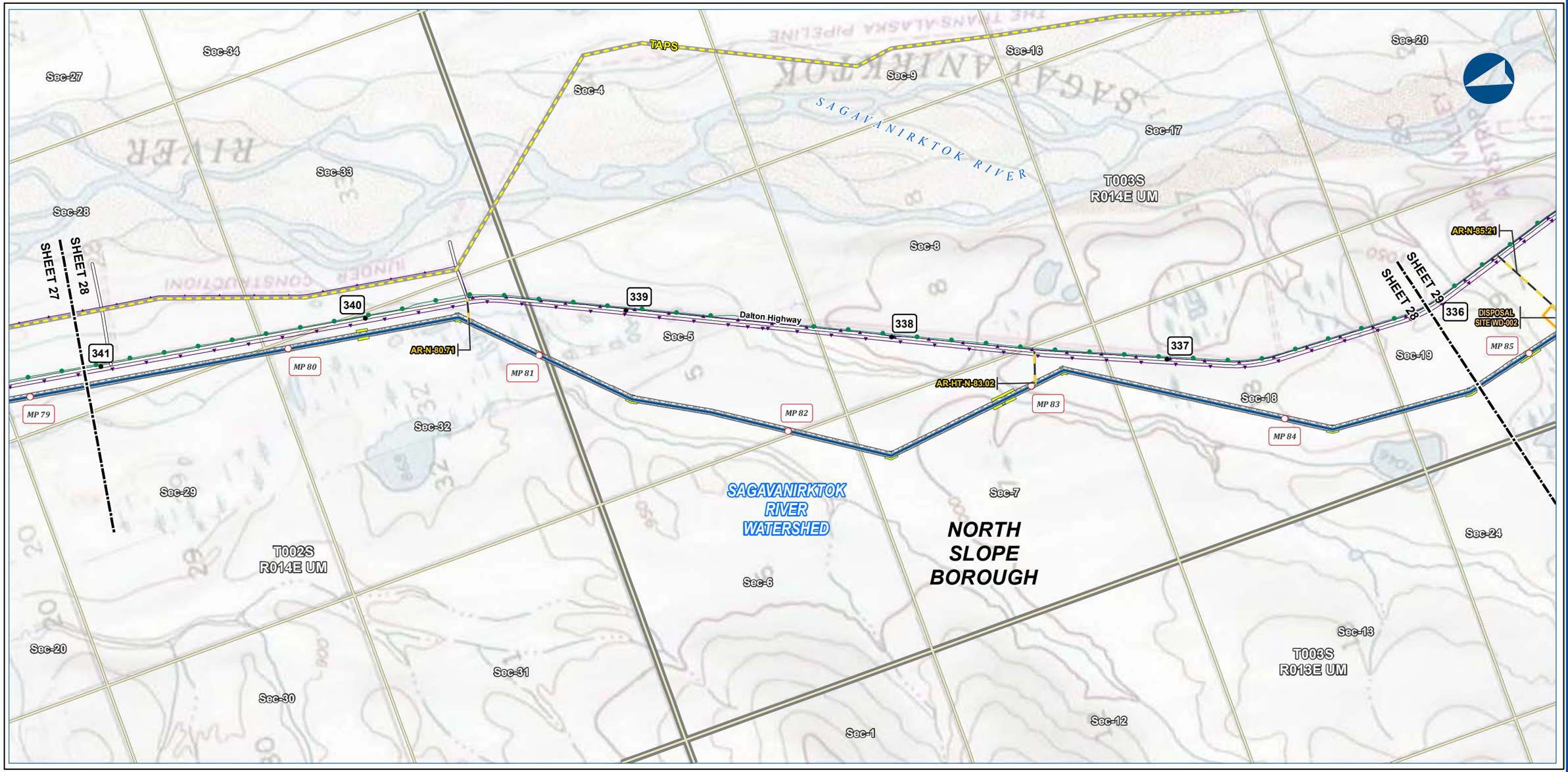
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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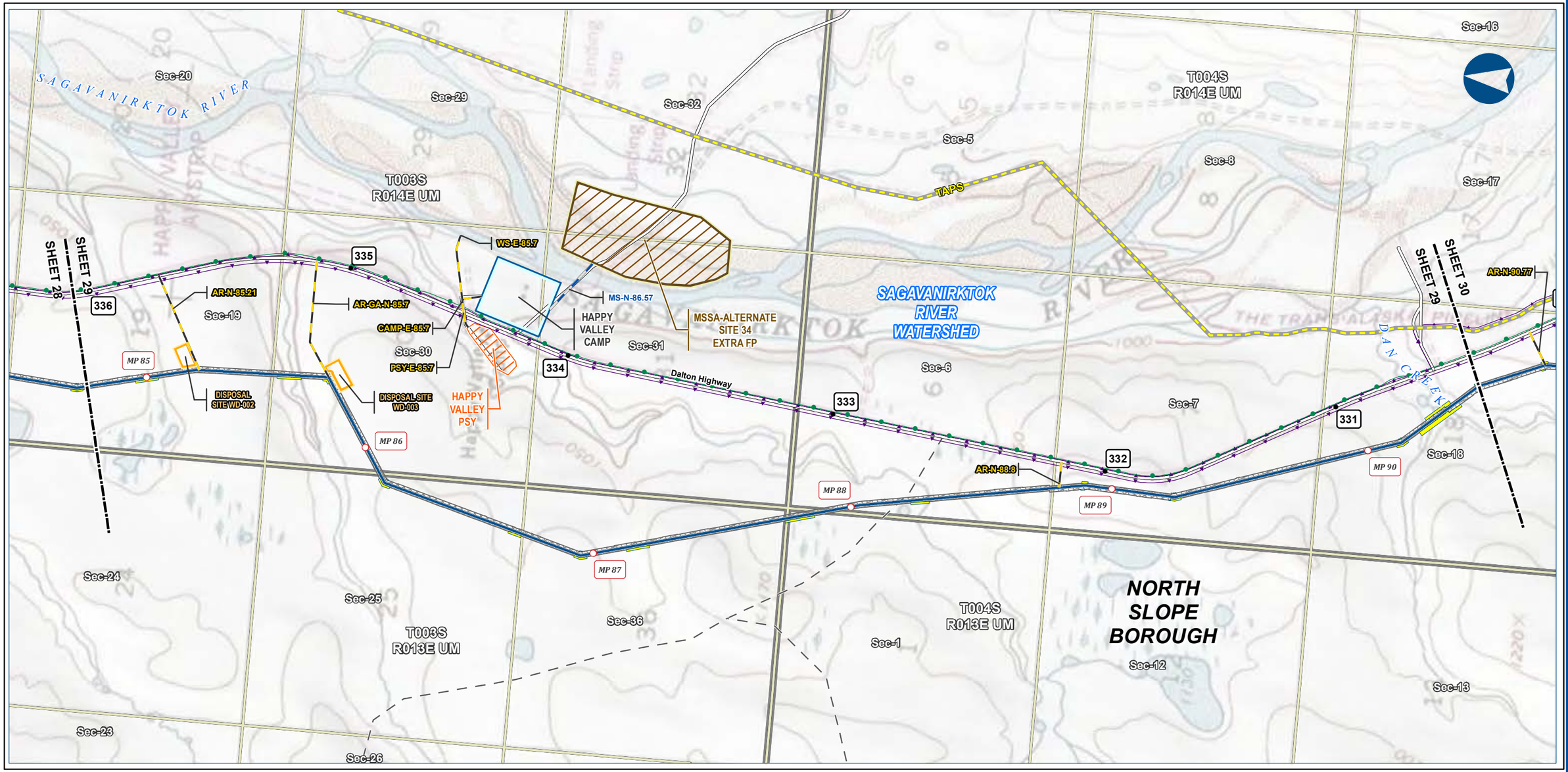
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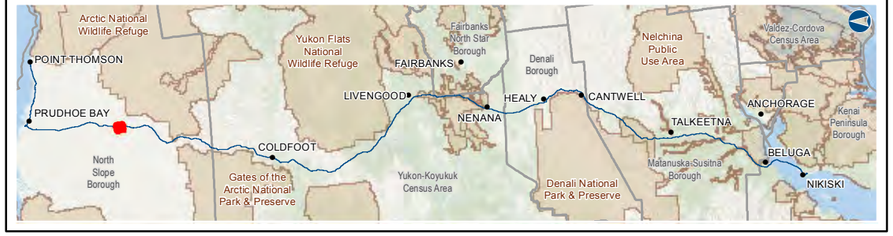
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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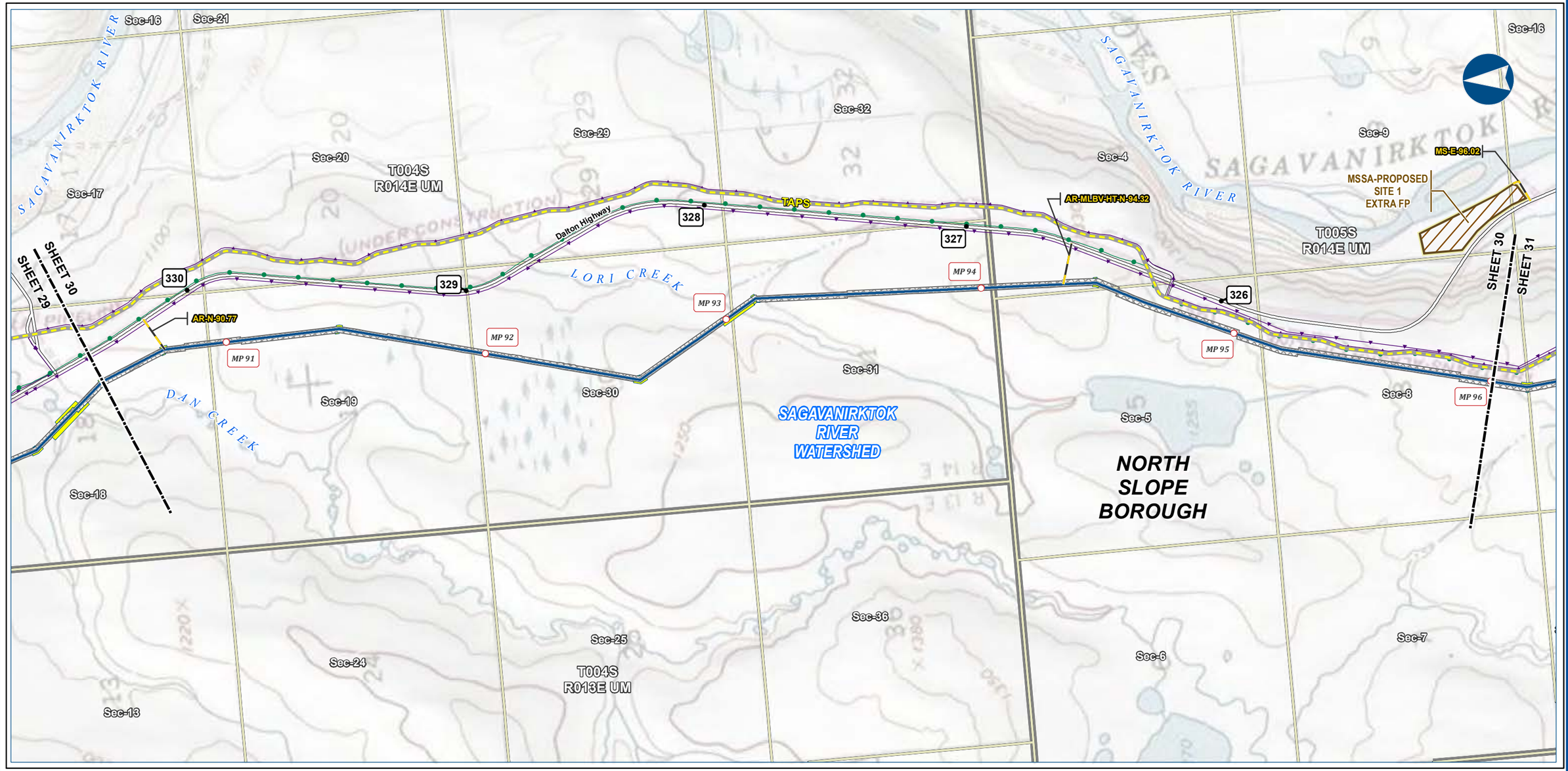
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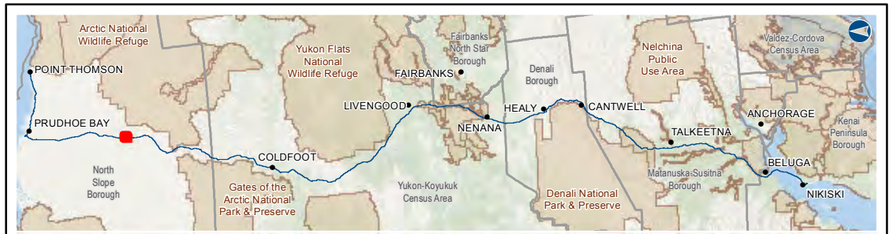
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	30

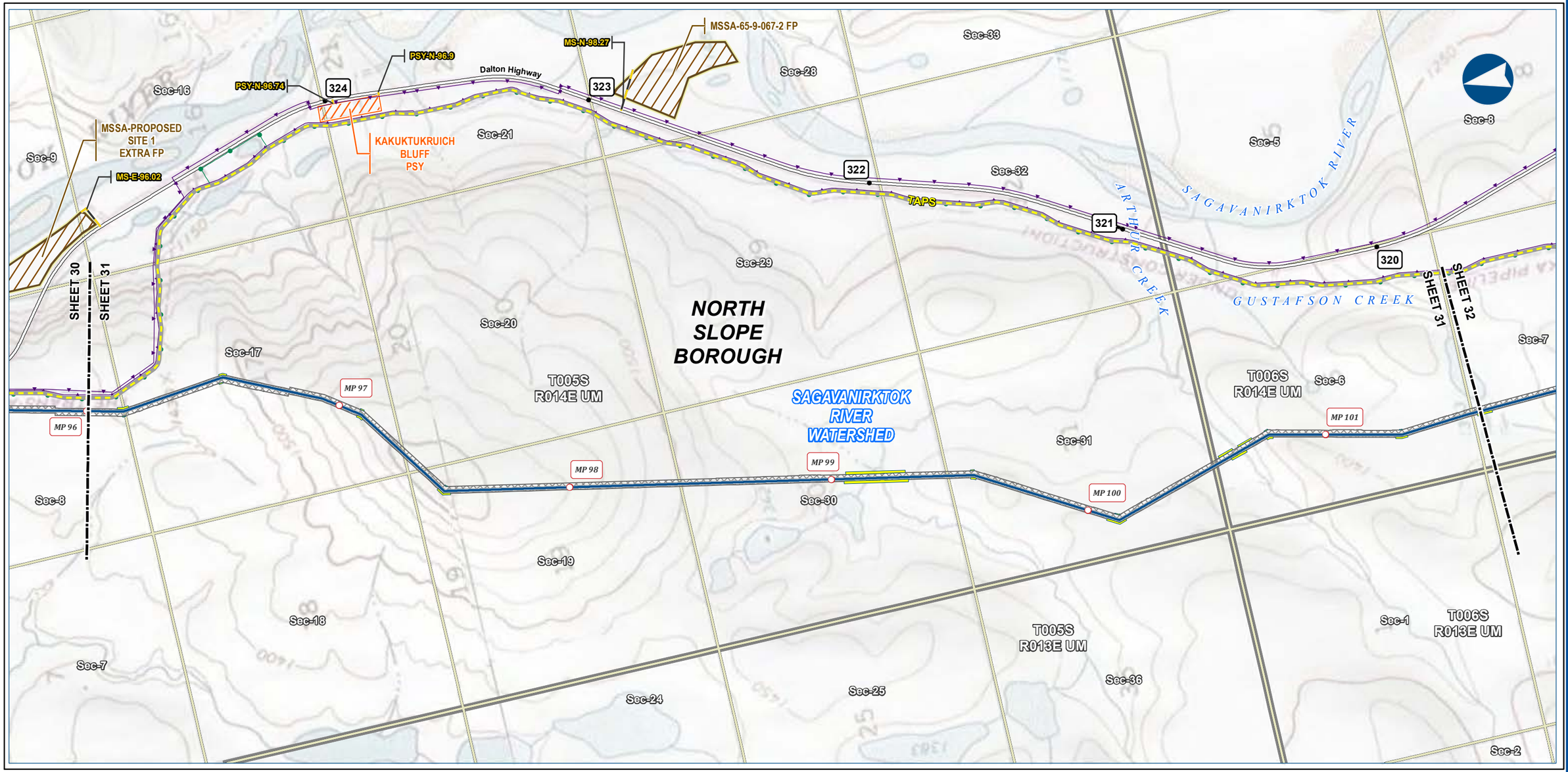
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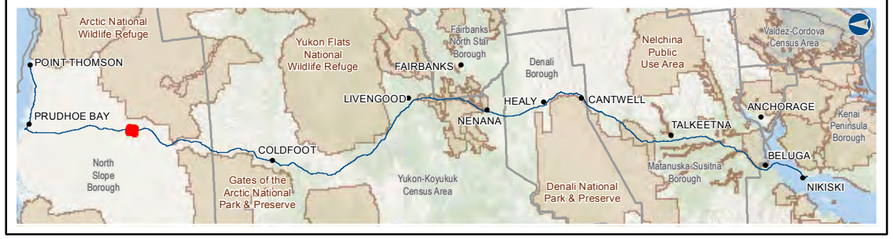
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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A	ISSUED FOR REVIEW	2017-03-14

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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	31

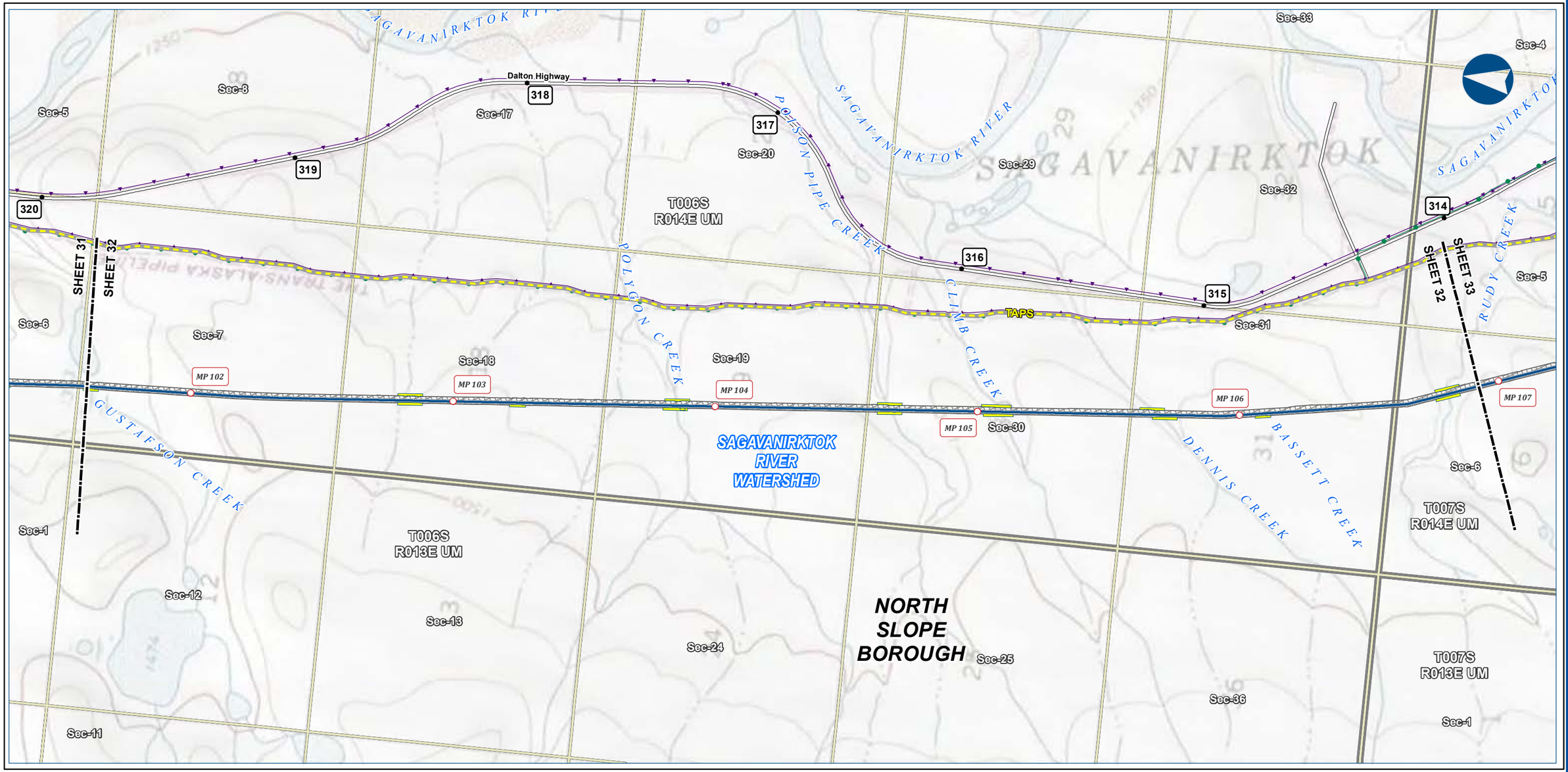
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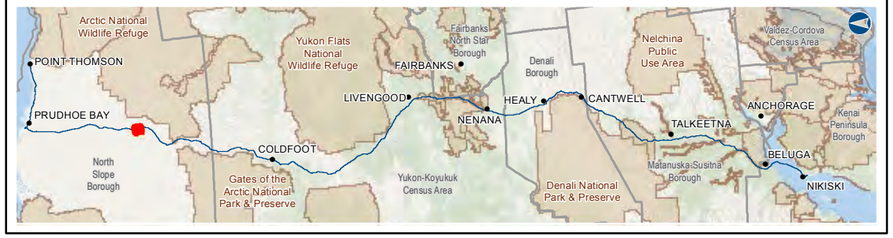
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route

- Permanent ROW
- Construction ROW
- ATWS

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	32

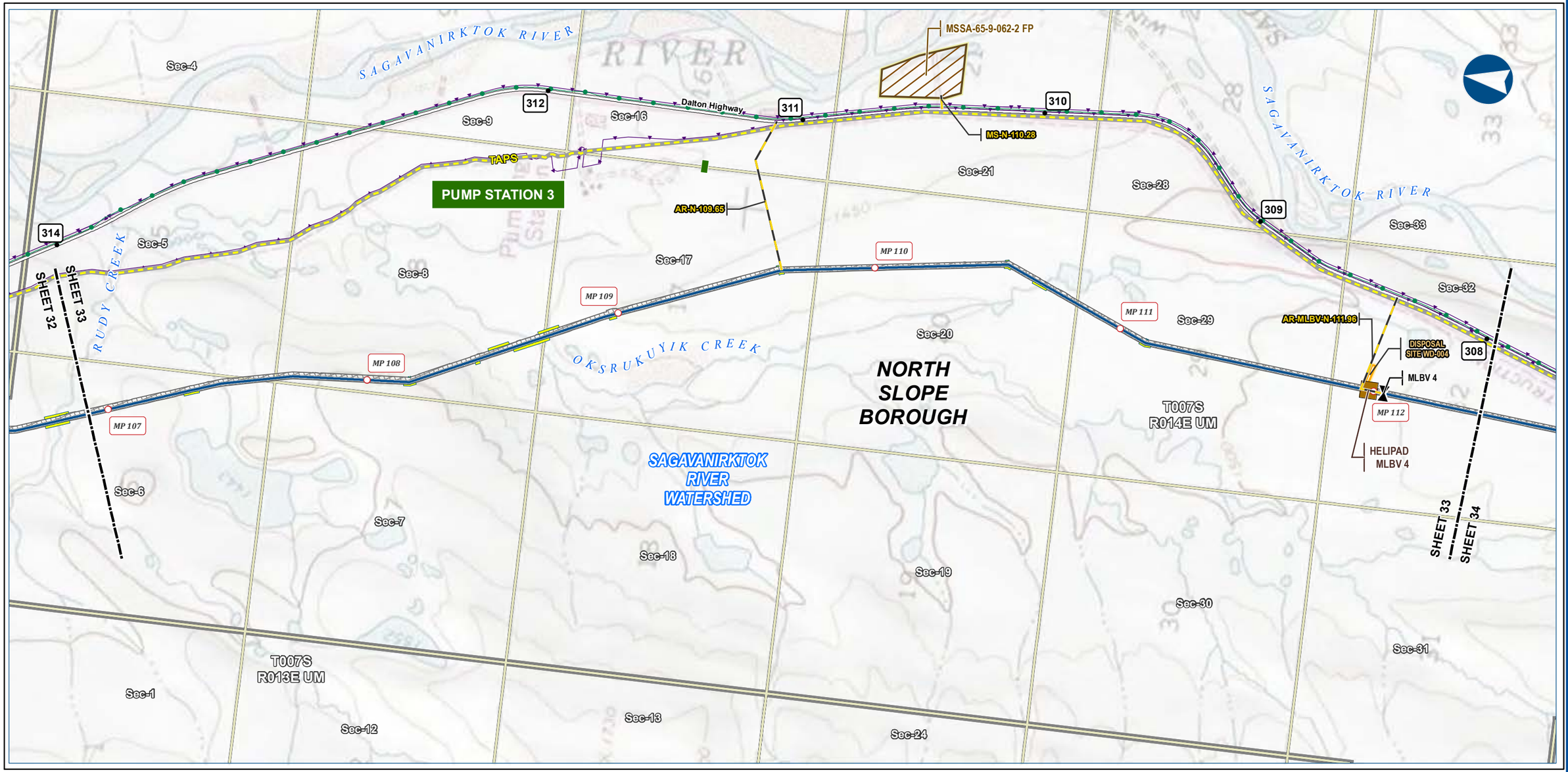
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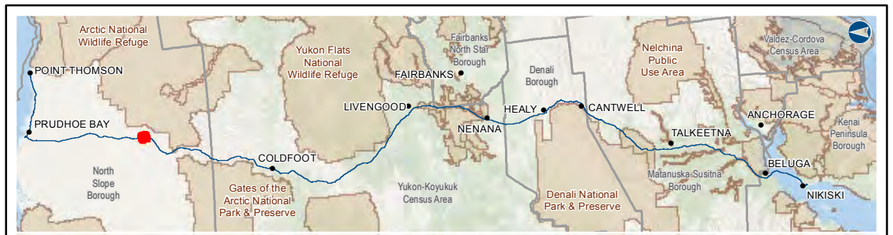
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve
- Helipad
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Alaska DOT Place Names
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	33

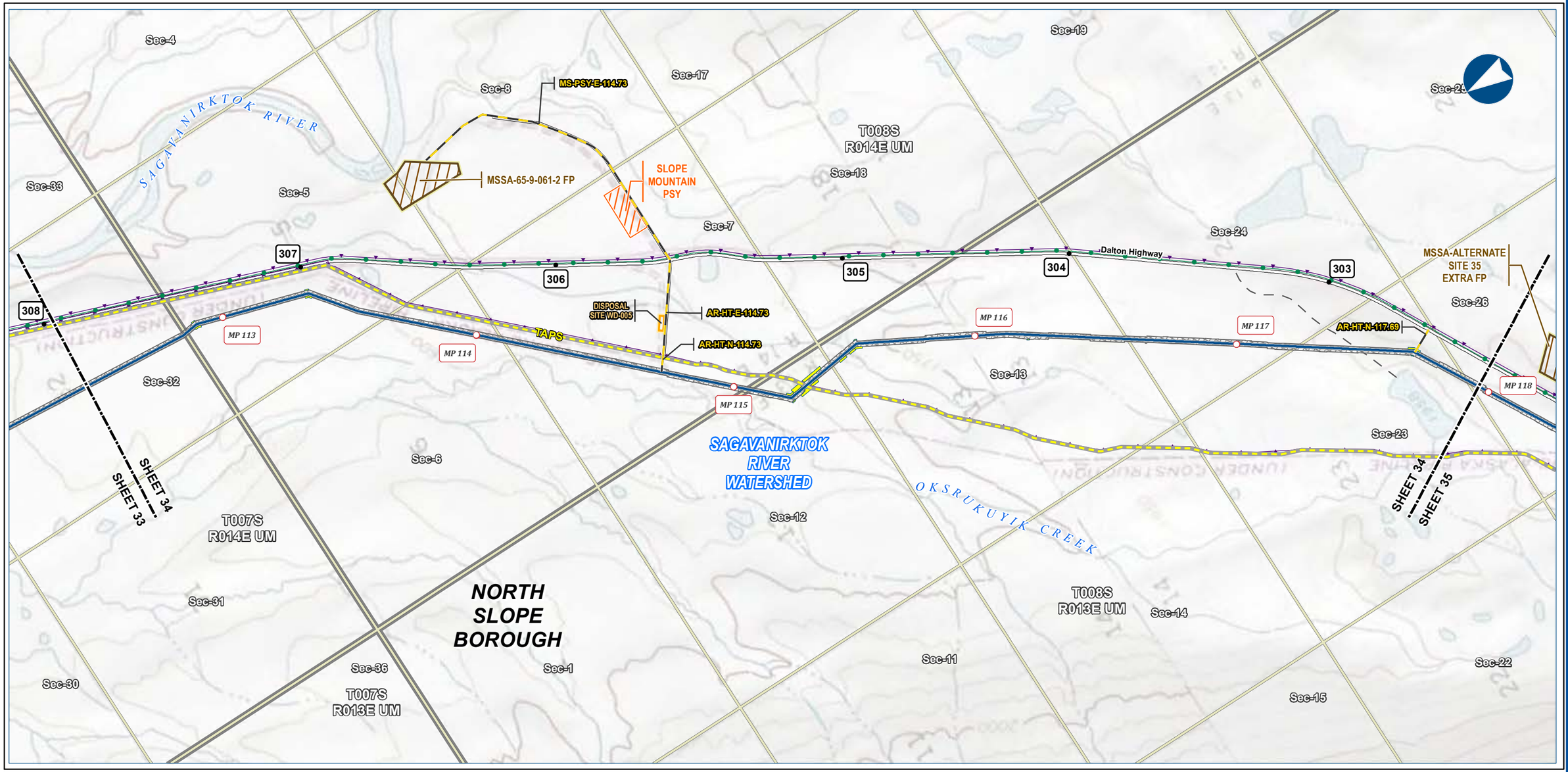
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
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EXISTING FEATURES
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- Existing Pipeline
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	34

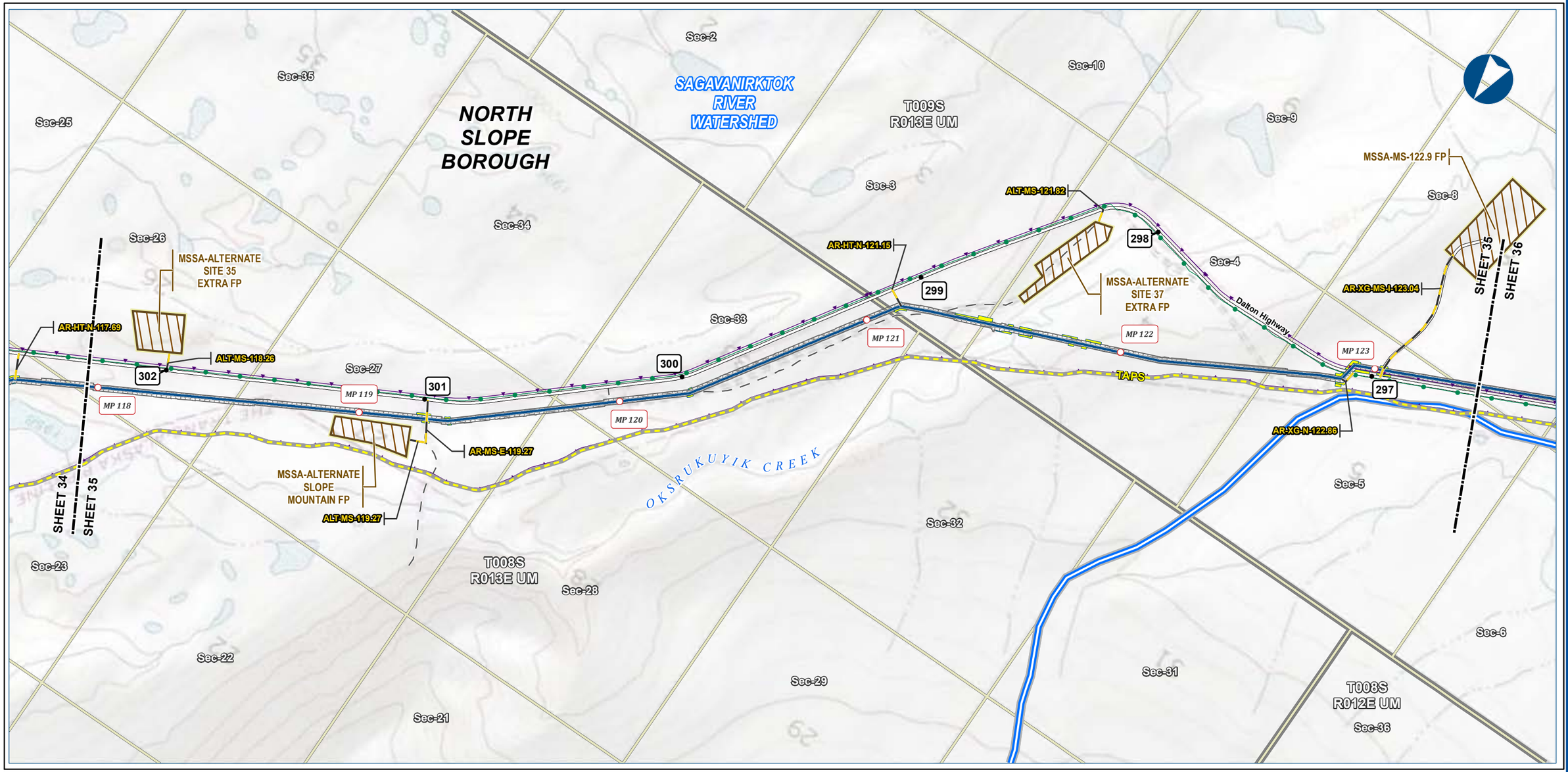
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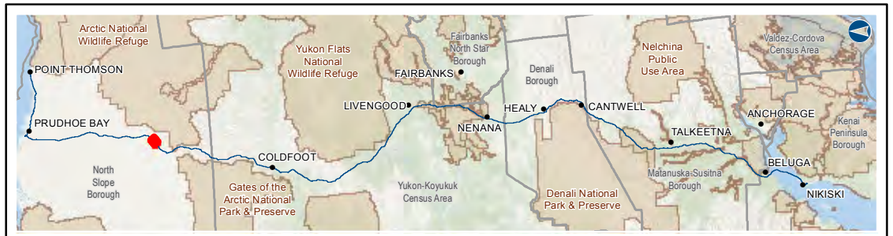
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
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- Existing Pipeline
- Buried Cable
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- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
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DWG:	RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL	***SHEET:***	35

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

NORTH SLOPE BOROUGH

SAGAVANIRKTOK RIVER WATERSHED

KUPARUK RIVER WATERSHED

OKSRUKUYIK CREEK

TOOLIK RIVER

MSSA-MS-122.9 FP

AR-XG-MS-I-123.04

AR-XG-HT-N-124.56

AR-N-127.83

TAPS

Dalton Highway

SHEET 35

SHEET 36

SHEET 36

SHEET 37

Sec-5 Sec-6 Sec-7 Sec-8 Sec-12 Sec-13 Sec-14 Sec-15 Sec-16 Sec-17 Sec-18 Sec-19 Sec-21 Sec-22 Sec-23 Sec-24 Sec-26 Sec-27 Sec-28 Sec-36

T009S R013E UM

T009S R012E UM

T008S R012E UM

MP 124 MP 125 MP 126 MP 127 MP 128 MP 129

296 295 294 293 292 291



Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
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ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	**DRAWN BY:**	AGDC
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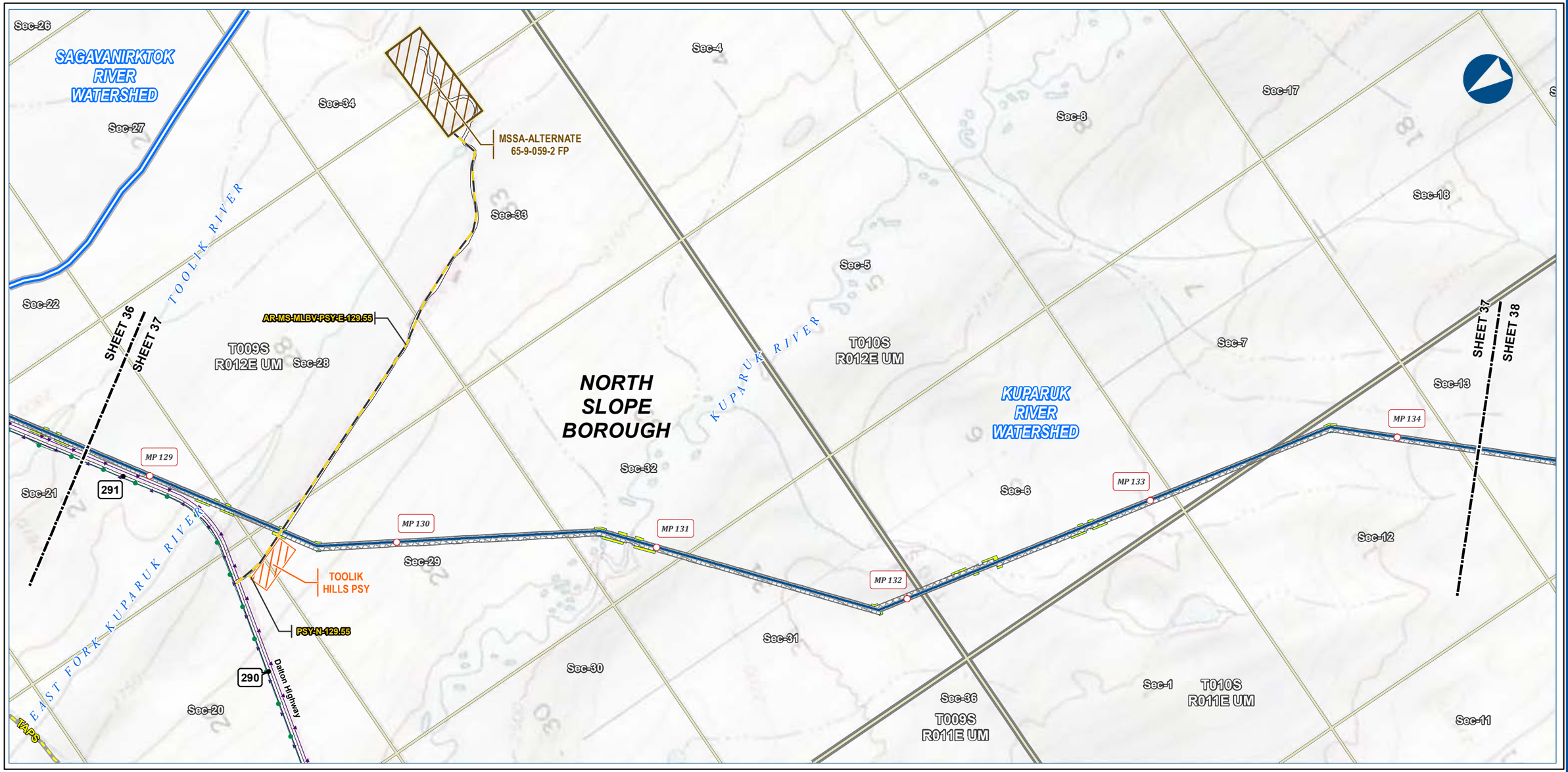
DATE: 2017-03-14 | **PROJECTION:** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL | **SHEET:** 36

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
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- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
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EXISTING FEATURES
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ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	**DRAWN BY:**	AGDC
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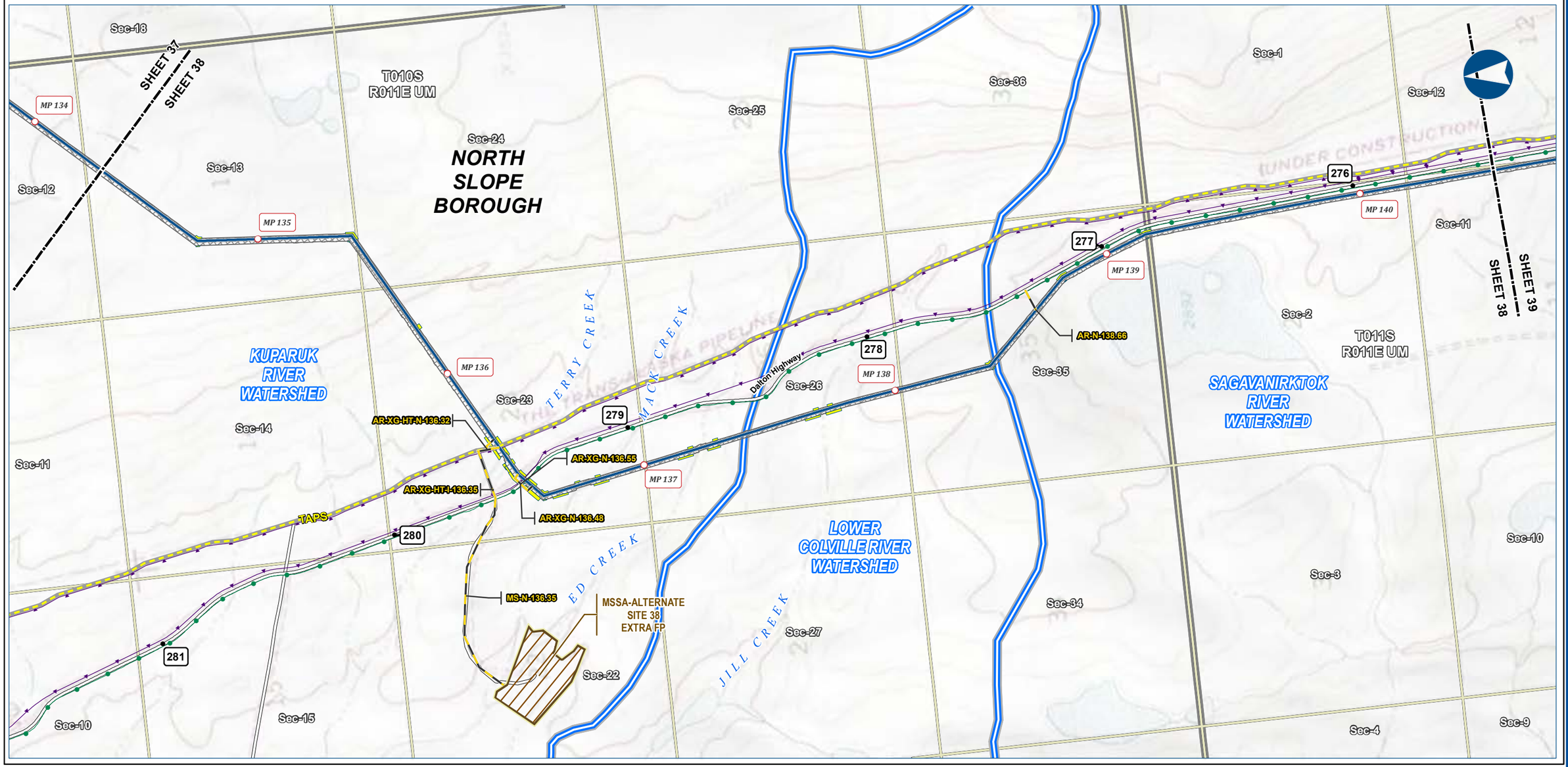
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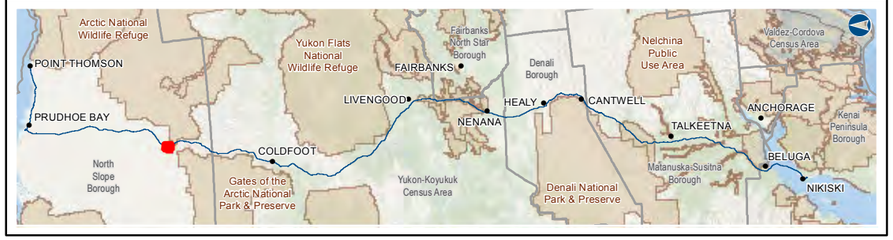
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

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ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

KUPARUK RIVER WATERSHED

NORTH SLOPE BOROUGH

ARCTIC NATIONAL WILDLIFE REFUGE

T011S R012E UM

T011S R011E UM

T012S R012E UM

SAGAVANIRKTOK RIVER WATERSHED

GALBRAITH LAKE

TOLAK LAKE

ATIGUN RIVER

Dalton Highway

TAPS

TRANS ALASKA PIPELINE

Sec-1, Sec-5, Sec-6, Sec-7, Sec-11, Sec-12, Sec-13, Sec-14, Sec-15, Sec-17, Sec-18, Sec-19, Sec-20, Sec-21, Sec-23, Sec-24, Sec-25, Sec-29, Sec-30, Sec-31, Sec-32, Sec-33, Sec-34, Sec-36

SHEET 38 / SHEET 39 / SHEET 39 / SHEET 40

MP 141, MP 142, MP 143, MP 144, MP 145, MP 146

270, 271, 272, 273, 274, 275

AR-XG-N-143.89

AR-XG-HT-N-143.82

DISPOSAL SITE WD-007

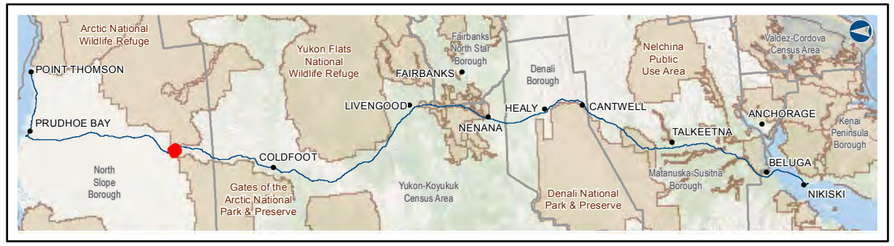
DISPOSAL SITE WD-006

AR-N-142.84

AR-GA-E-144.98

AR-GA-HT-N-145.36

AR-MS-HT-CAMP-PSY-E-141.24



Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Conservation Lands
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

ARCTIC NATIONAL WILDLIFE REFUGE

Sec-34 Sec-3 Sec-10 Sec-15 Sec-22 Sec-26 Sec-27 Sec-34 Sec-33 Sec-4 Sec-9 Sec-16 Sec-32 Sec-5 Sec-8 Sec-17 Sec-20 Sec-29 Sec-28 Sec-21 Sec-6 Sec-7 Sec-18

T011S R012E UM

T012S R012E UM

NORTH SLOPE BOROUGH

TEA LAKE INLET

VANISH/HOLDEN CREEK

HOLDEN CREEK

MAINLINE SPRING CREEK

ROCHE MOUTONNEE CREEK

ATIGUN RIVER

SAGAVANIRKTOK RIVER WATERSHED

GALBRAITH LAKE

WINTER TRAIL

Dalton Highway

SHEET 39

SHEET 40

SHEET 41

MP 146 MP 147 MP 148 MP 149 MP 150 MP 151 MP 152

266 267 268 269 270 265

MS-E-148.76

AR-GA-N-148.81

WD-E-149

AR-MLEV-CS-N-148.51

MLBV 5

DISPOSAL SITE WD-008

DISPOSAL SITE WD-009

DISPOSAL SITE WD-010

AR-GA-HT-N-151.04

AR-GA-N-151.21

MS-N-151.21

AR-N-147.03

MSSA-ALTERNATIVE SITE 40 EXTRA FP

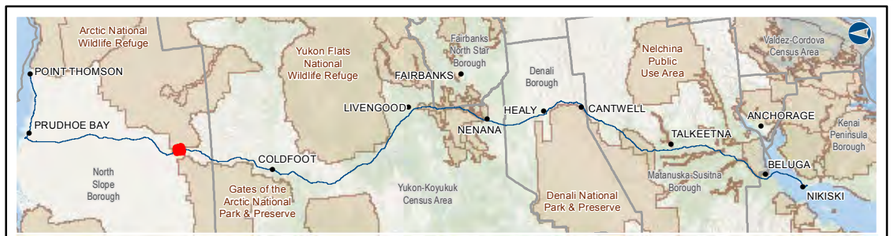
MSSA-65-9-056-2 FP

GALBRAITH LAKE COMPRESSOR STATION CAMP

GALBRAITH LAKE COMPRESSOR STATION

TAPS

PUMP STATION 4



Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve

- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Conservation Lands
- Alaska DOT Place Names
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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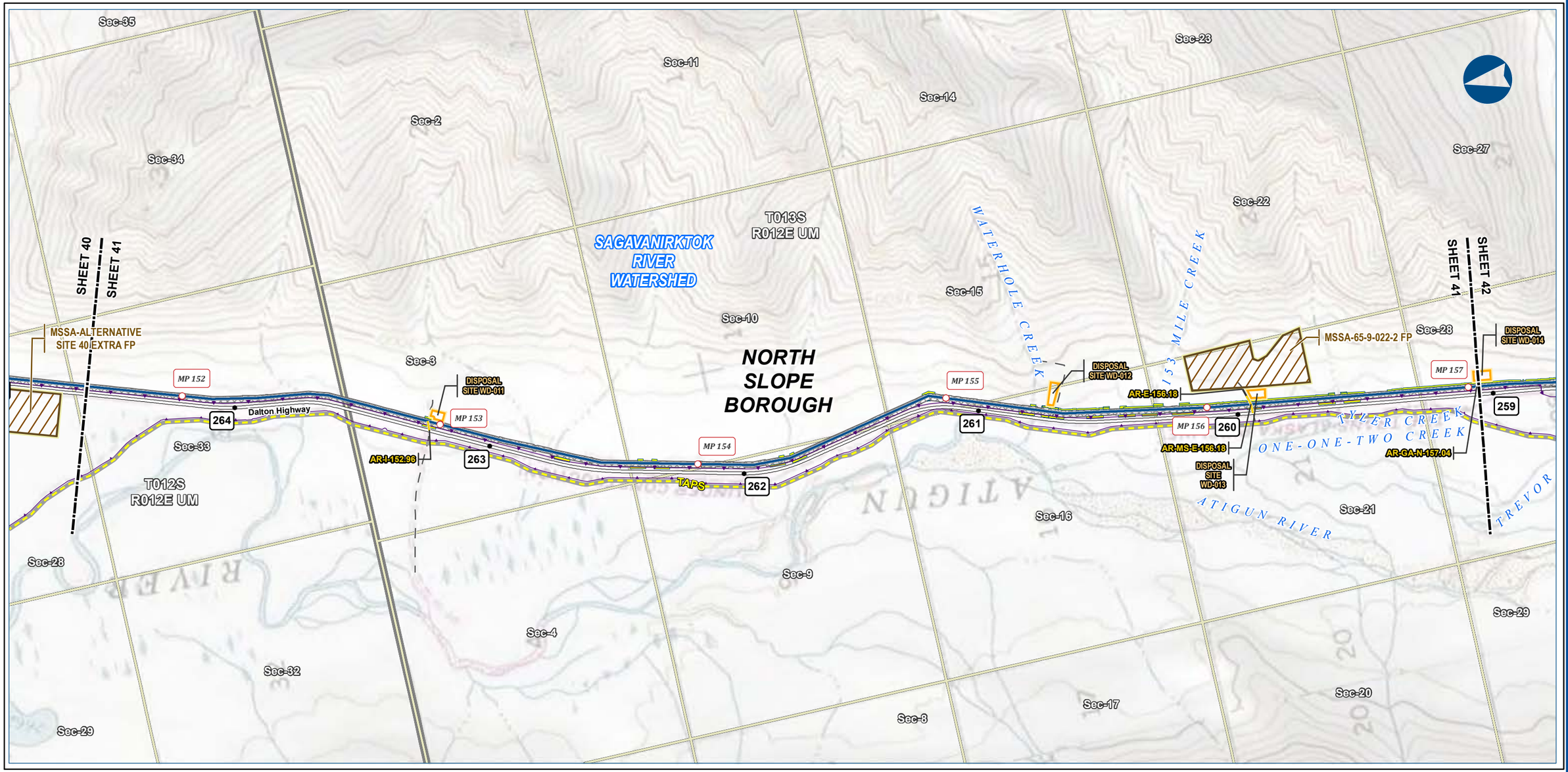
DISCLAIMER

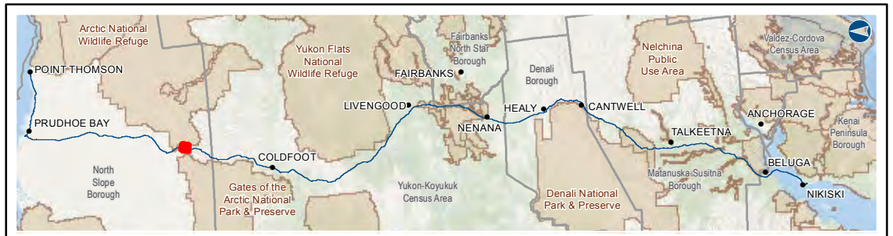
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT

Hydrology

Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG:	RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL	***SHEET:***	41

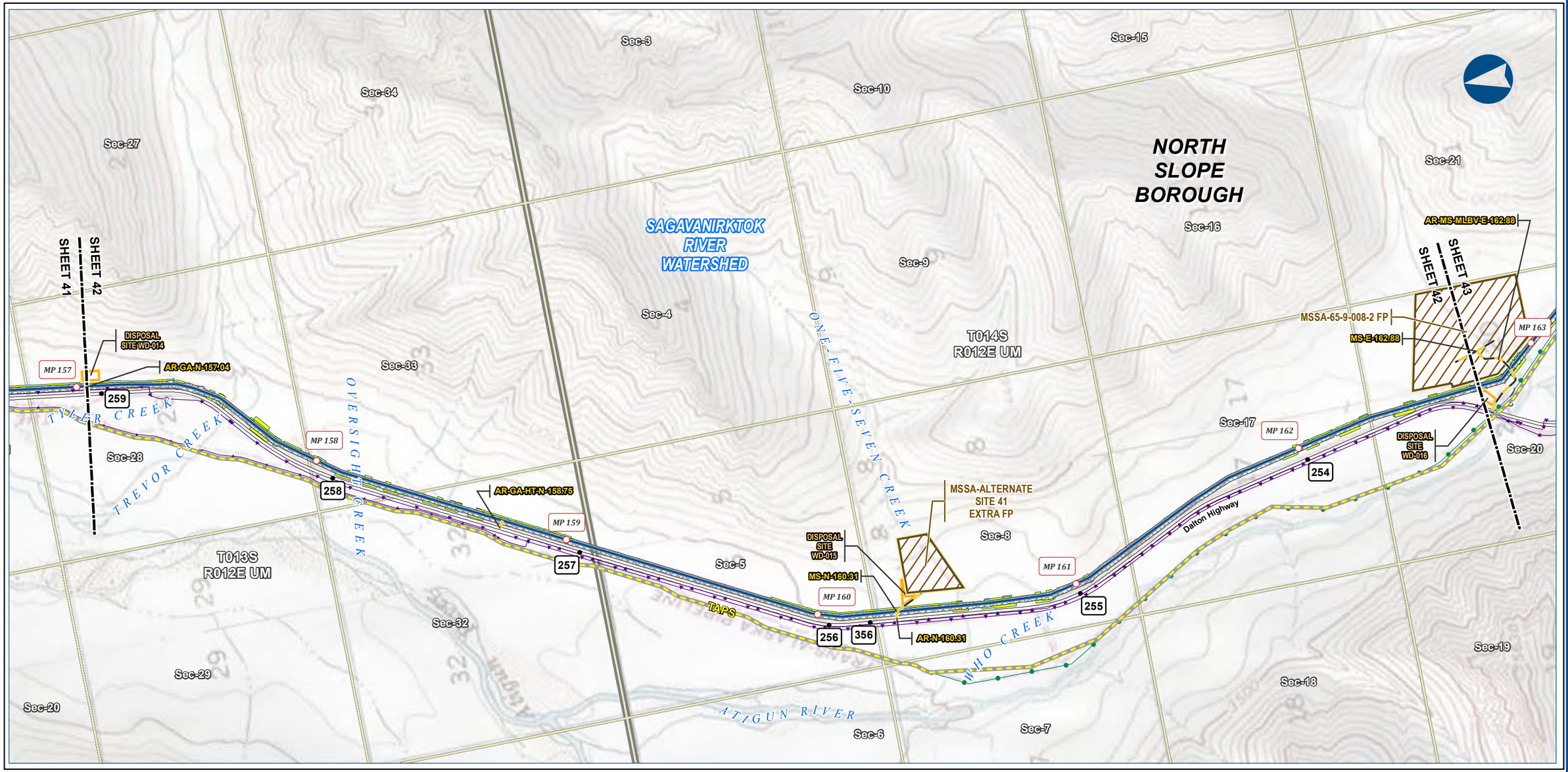
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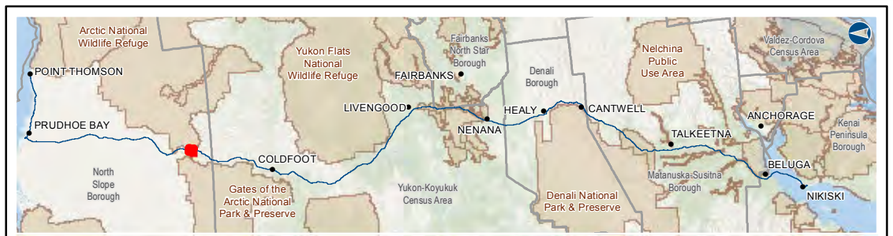
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	42

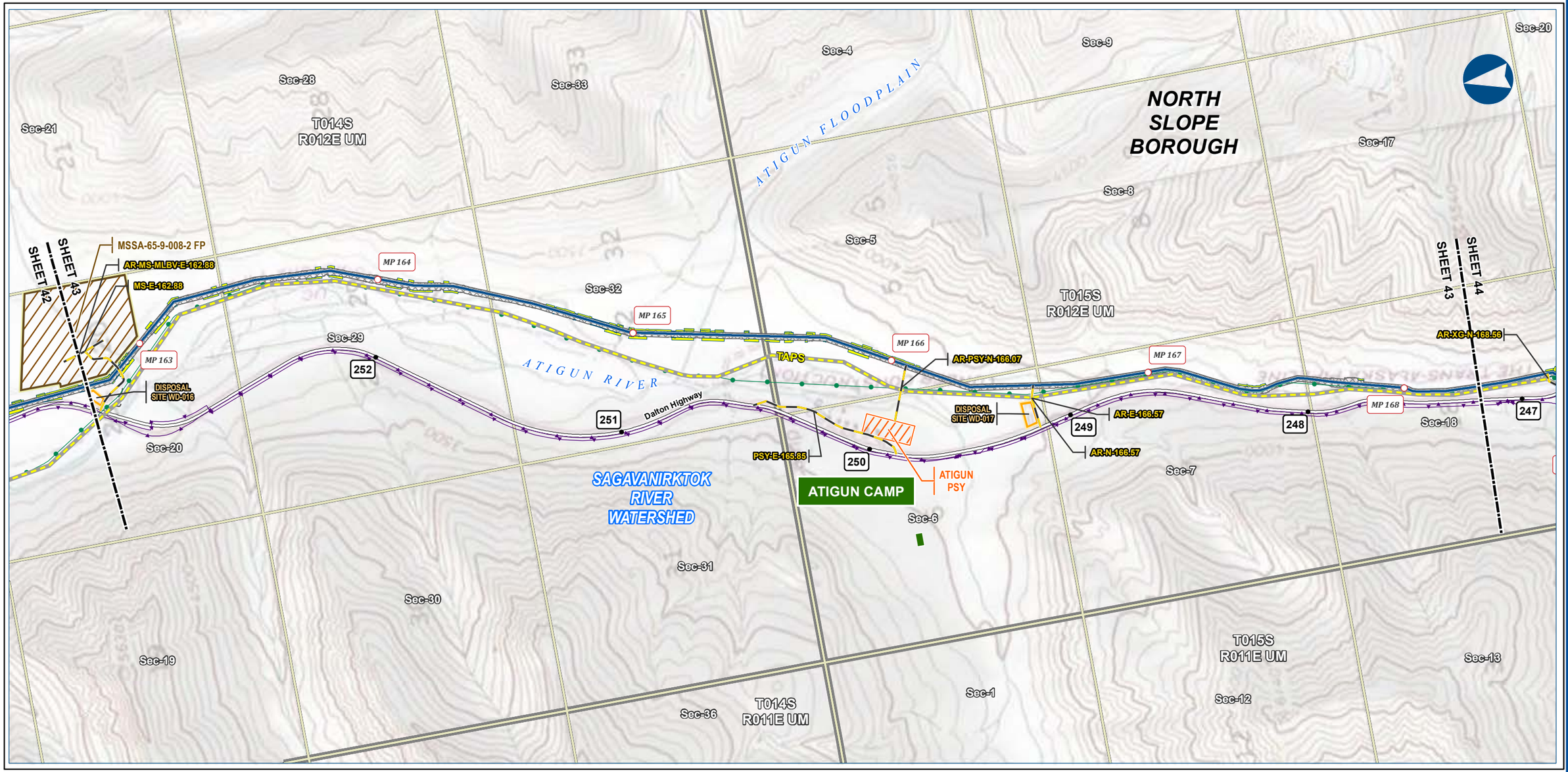
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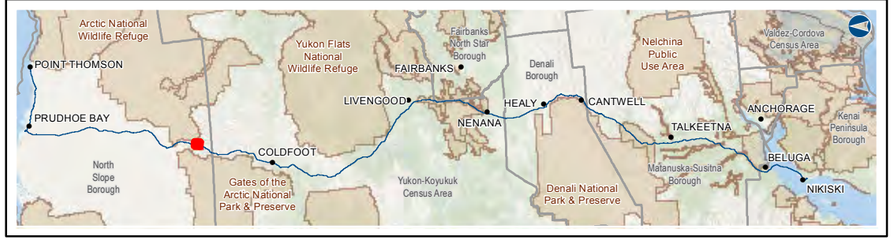
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Alaska DOT Place Names
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL			***SHEET:*** 43

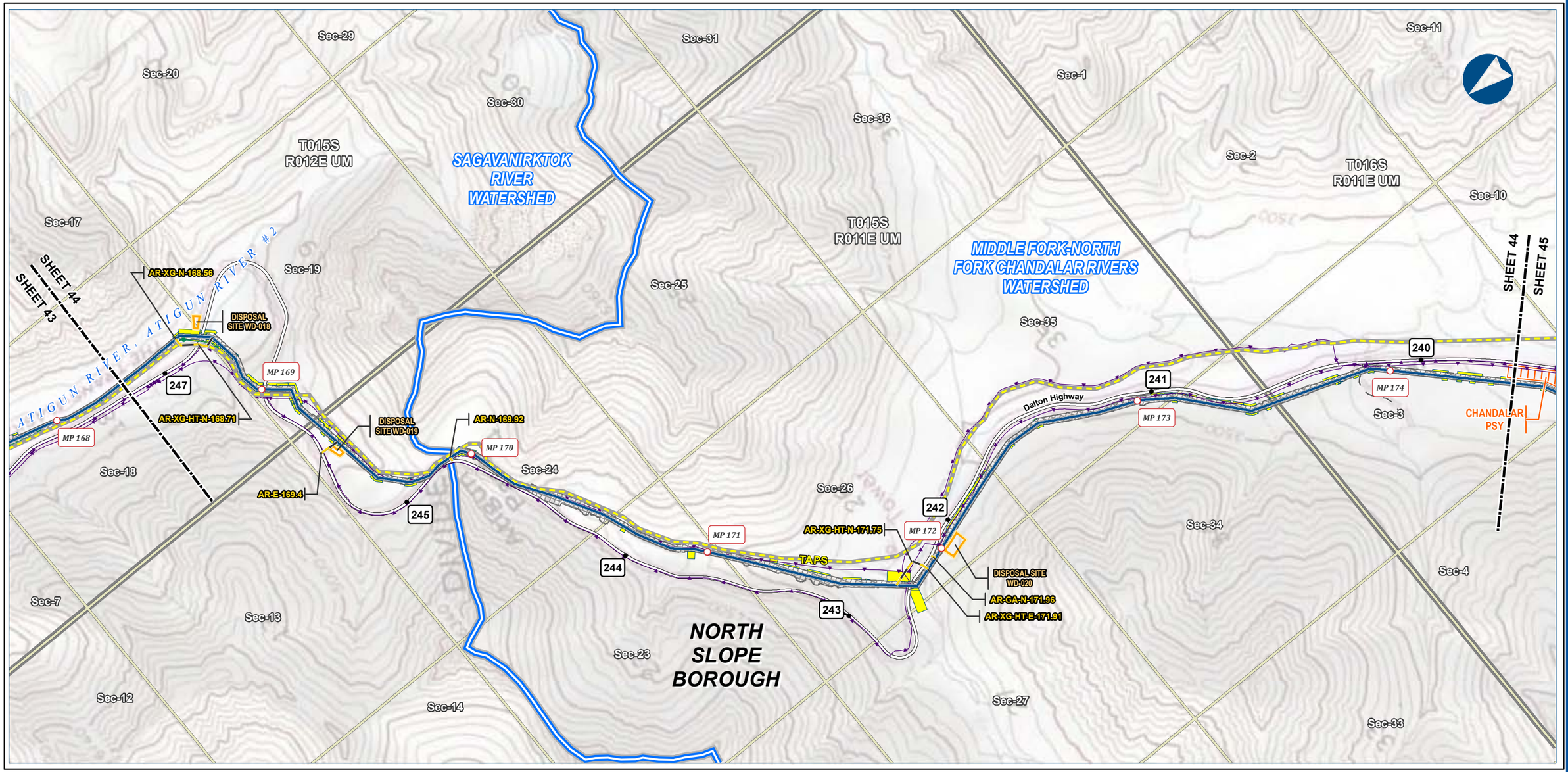
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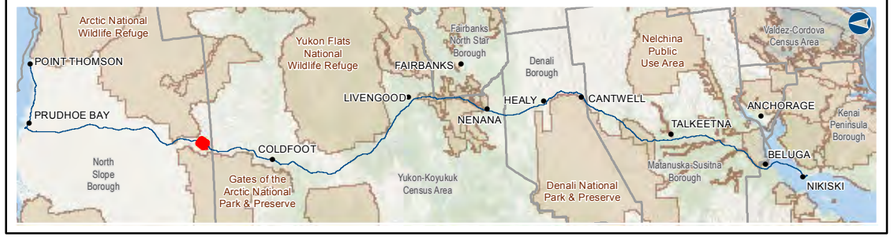
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
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- Pipe Storage Yard (PSY)
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	44

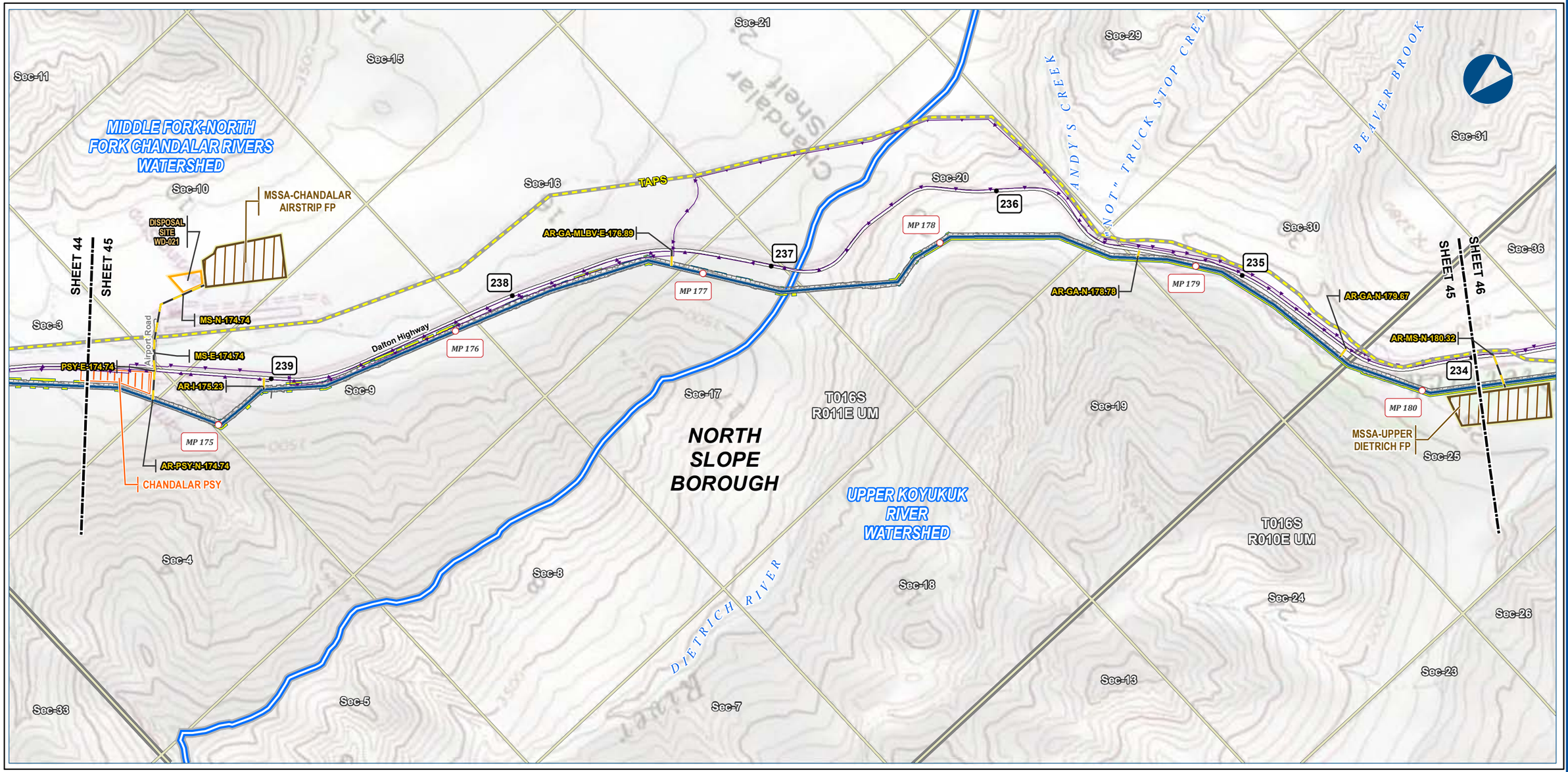
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

BOROUGH:	NORTH SLOPE	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	45

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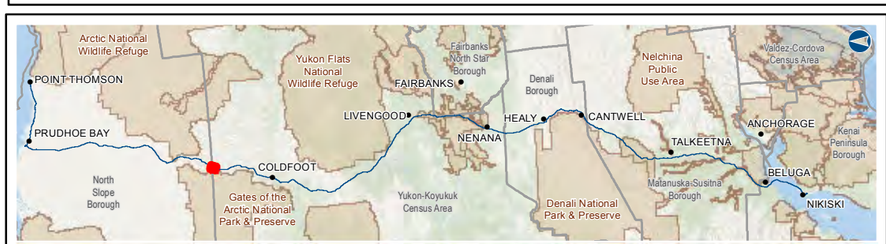
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Borough / Census Area
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	46

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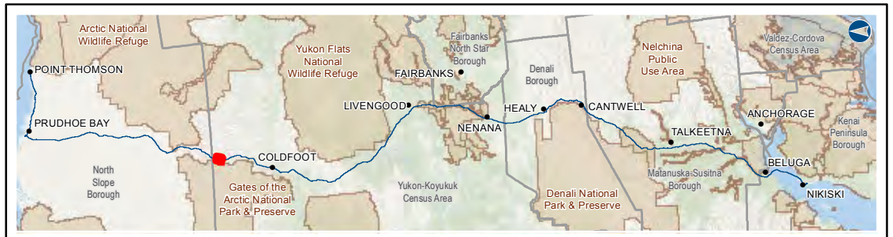
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	47

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

T035N
R010W FM

Sec-2
Sec-3
Sec-10
Sec-15
Sec-22
Sec-27
Sec-34
Sec-3
Sec-4
Sec-9
Sec-16
Sec-21
Sec-28
Sec-33
Sec-4
Sec-5
Sec-8
Sec-17
Sec-20
Sec-29
Sec-32
Sec-5

YUKON-KOYUKUK
CENSUS AREA

SHEET 47
SHEET 48
SHEET 48
SHEET 49

RUFF CREEK
STEEP CREEK
DIETRICH RIVER
BIG JIM CREEK

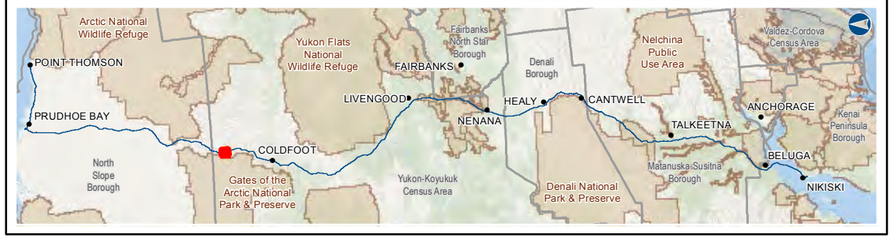
UPPER KOYUKUK
RIVER
WATERSHED

ONE-O-SIX CREEK
BURGER'S BAYOU

HELIPAD
MLBV 6

221
MSSA-UNNAMED
CREEK FP1
AR-MS-MLBV-N-194.1
AR-XG-N-193.35
MLBV 6
MP 192
223
MP 193
222
MP 194
MS-N-194.1
MSSA-65-9-079-2 FP2
MSSA-UNNAMED
CREEK FP2
220
DISPOSAL
SITE
WD-026
MP 195
AR-I-195.28
TAPS
Dalton Highway
219
MP 196
AR-XG-N-196.66
AR-XG-N-196.49
DISPOSAL
SITE WD-027
MP 197
218

T034N
R010W FM



Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve
- Helipad
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

Alaska LNG Project

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:*** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

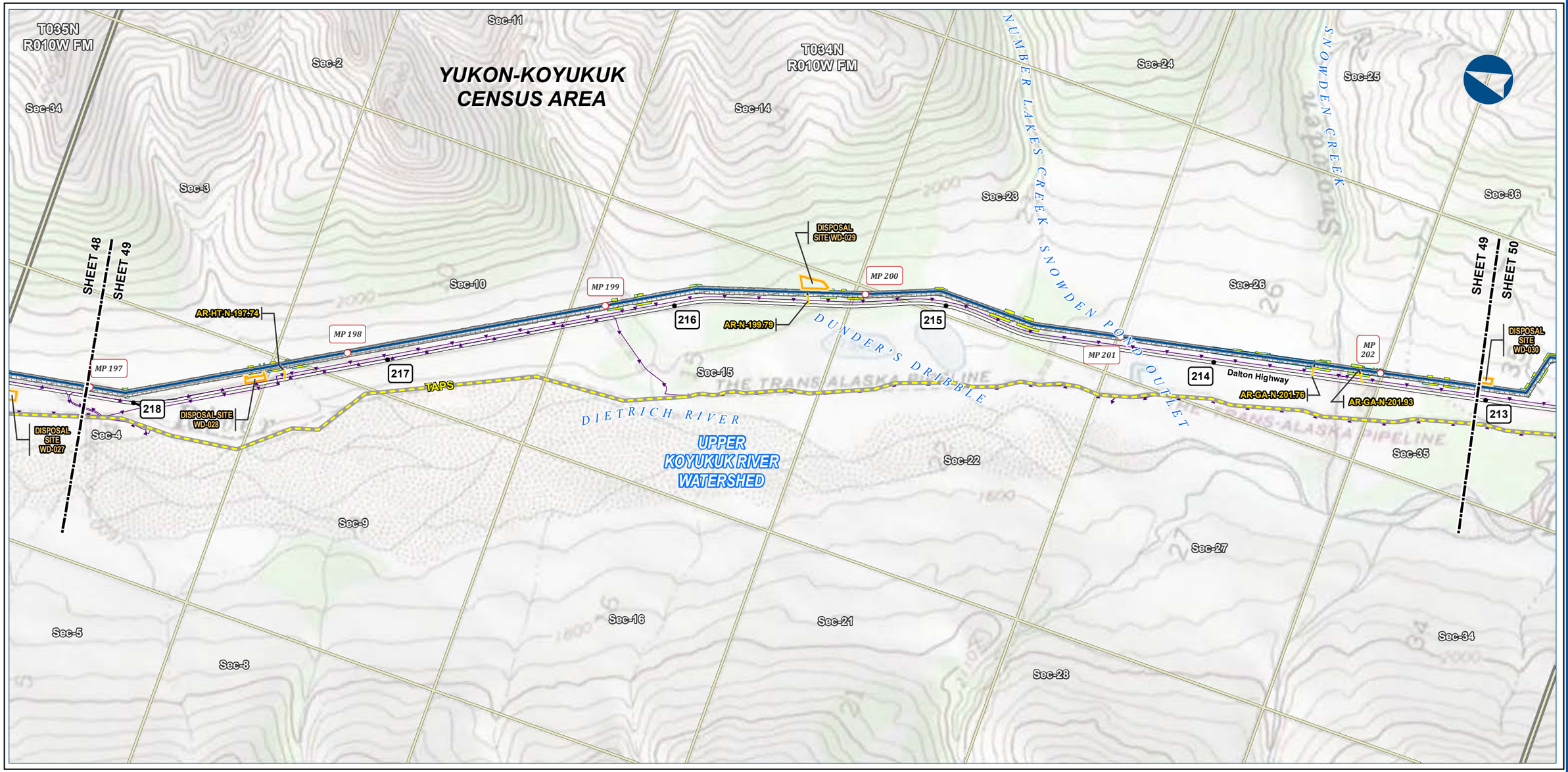
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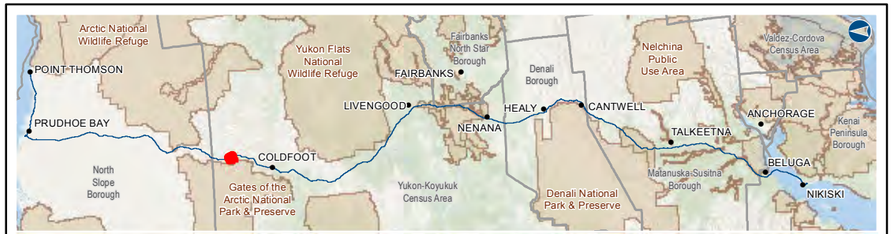
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL	***SHEET:*** 48

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

EXISTING FEATURES
- Existing Roads
- TAPS
- Buried Cable
- Section
- Township

Alaska LNG Project

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	49

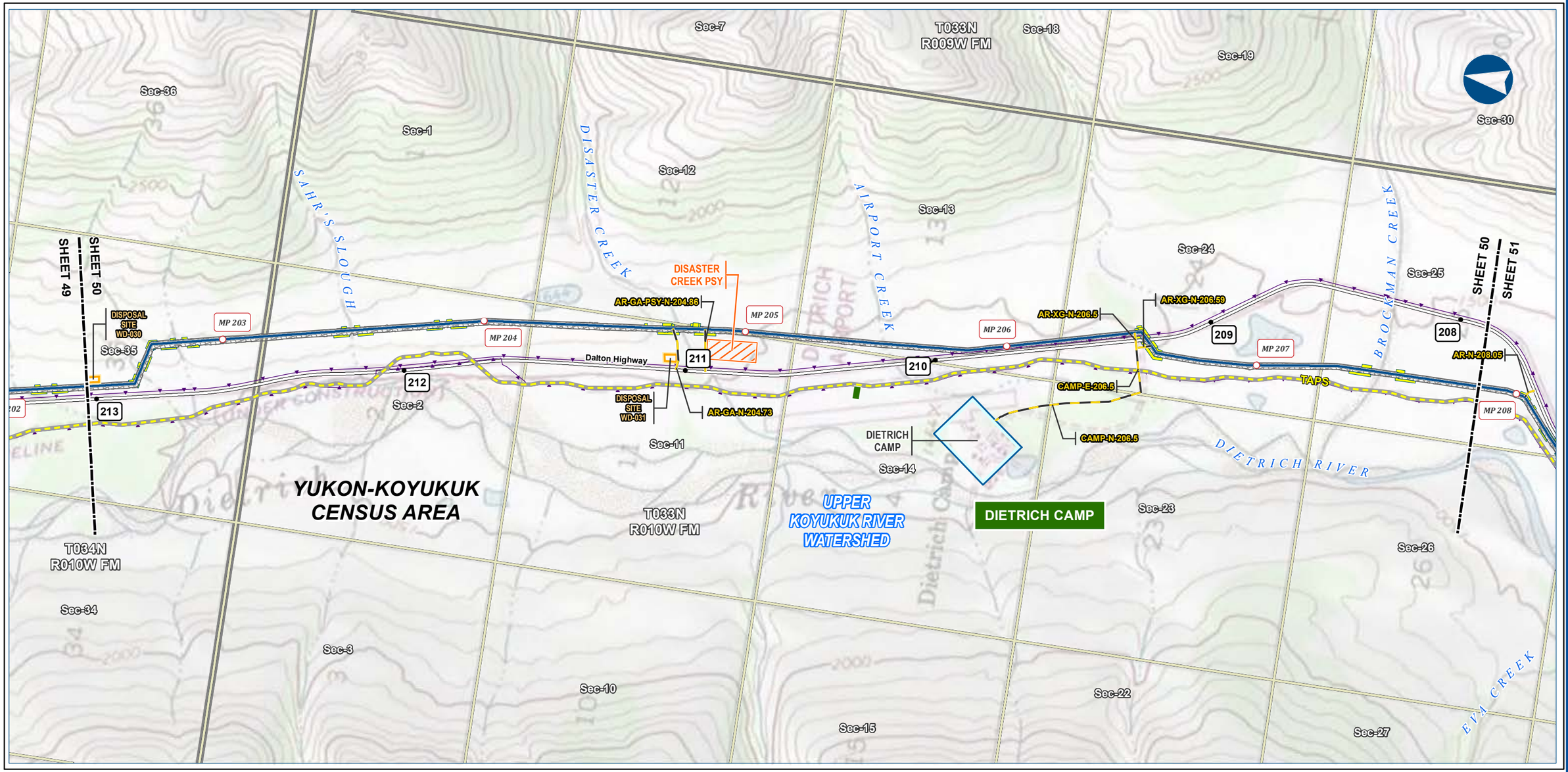
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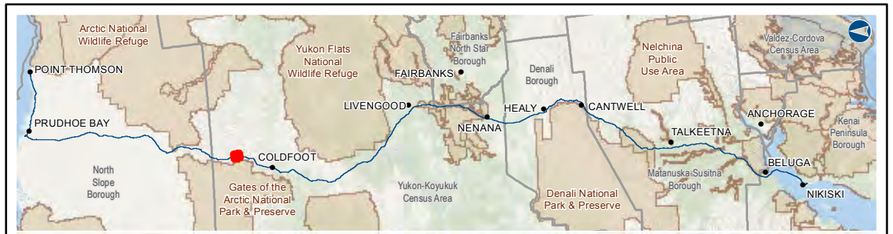
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Disposal Site

EXISTING FEATURES
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- Buried Cable
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ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	50

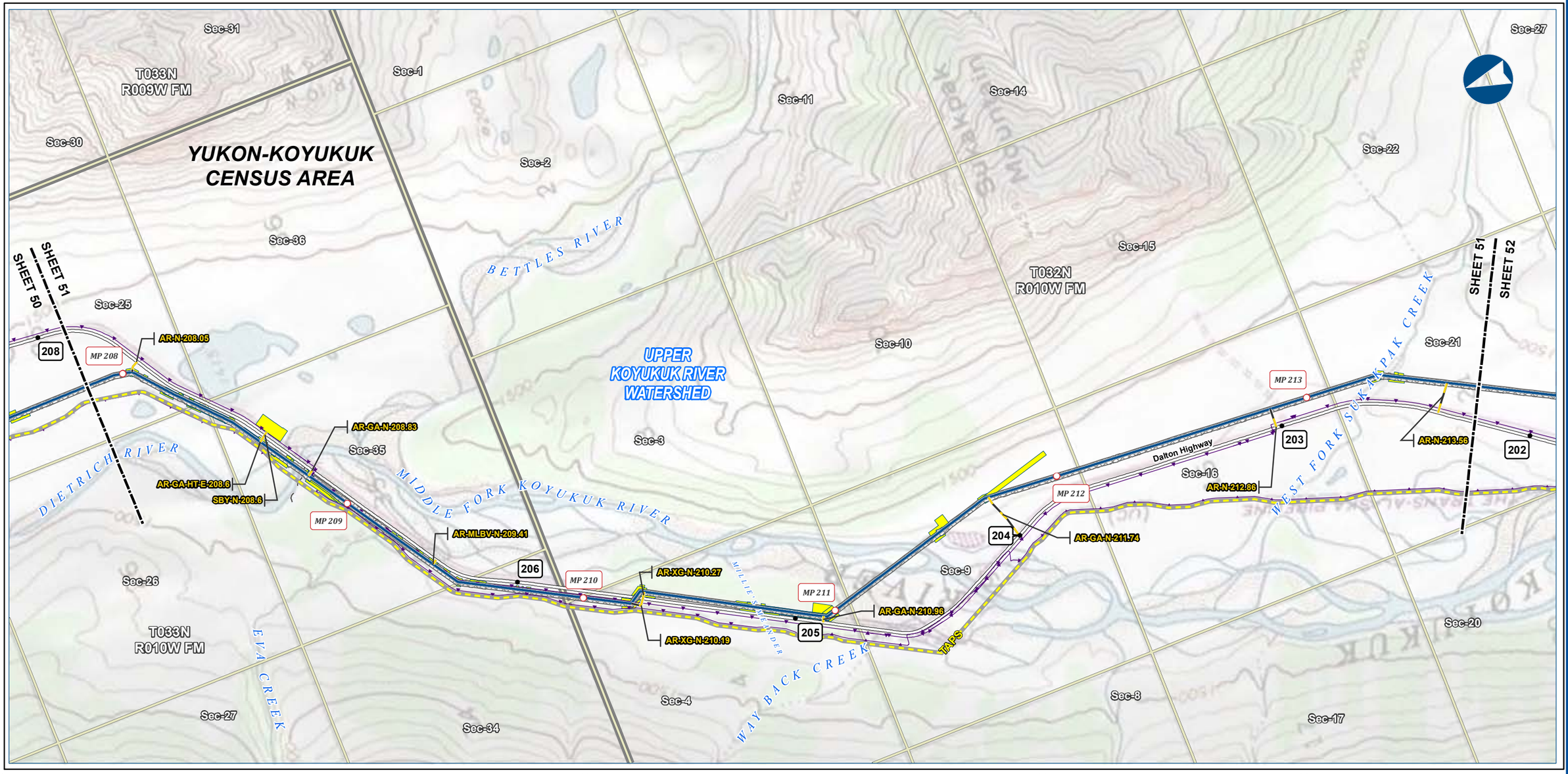
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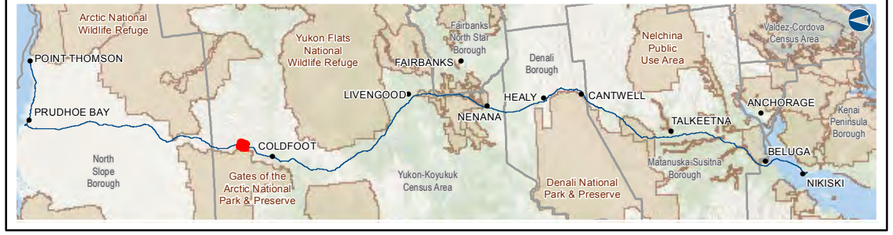
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

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- Access Road - Gravel

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- Existing Roads
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ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

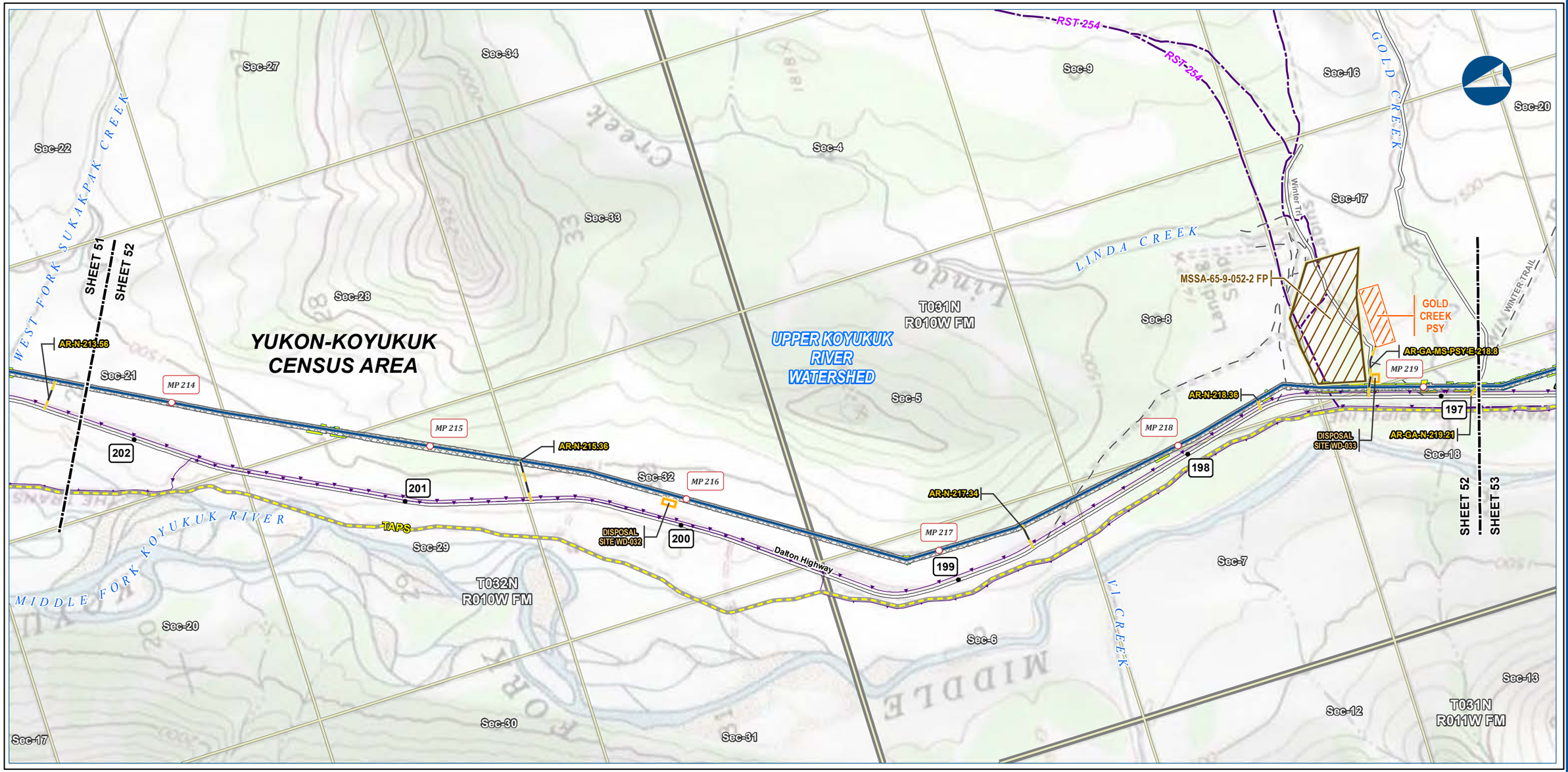
DATE: 2017-03-14 ***PROJECTION:*** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

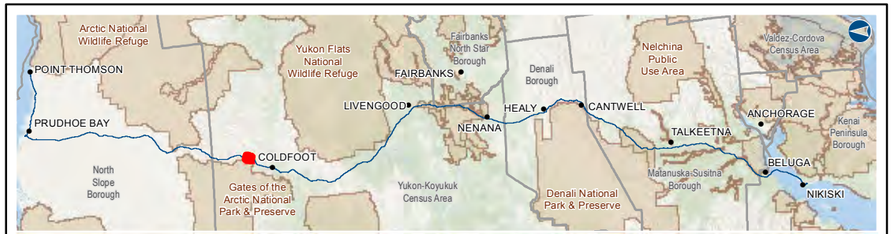
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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL ***SHEET:*** 51

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Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL			***SHEET:*** 52

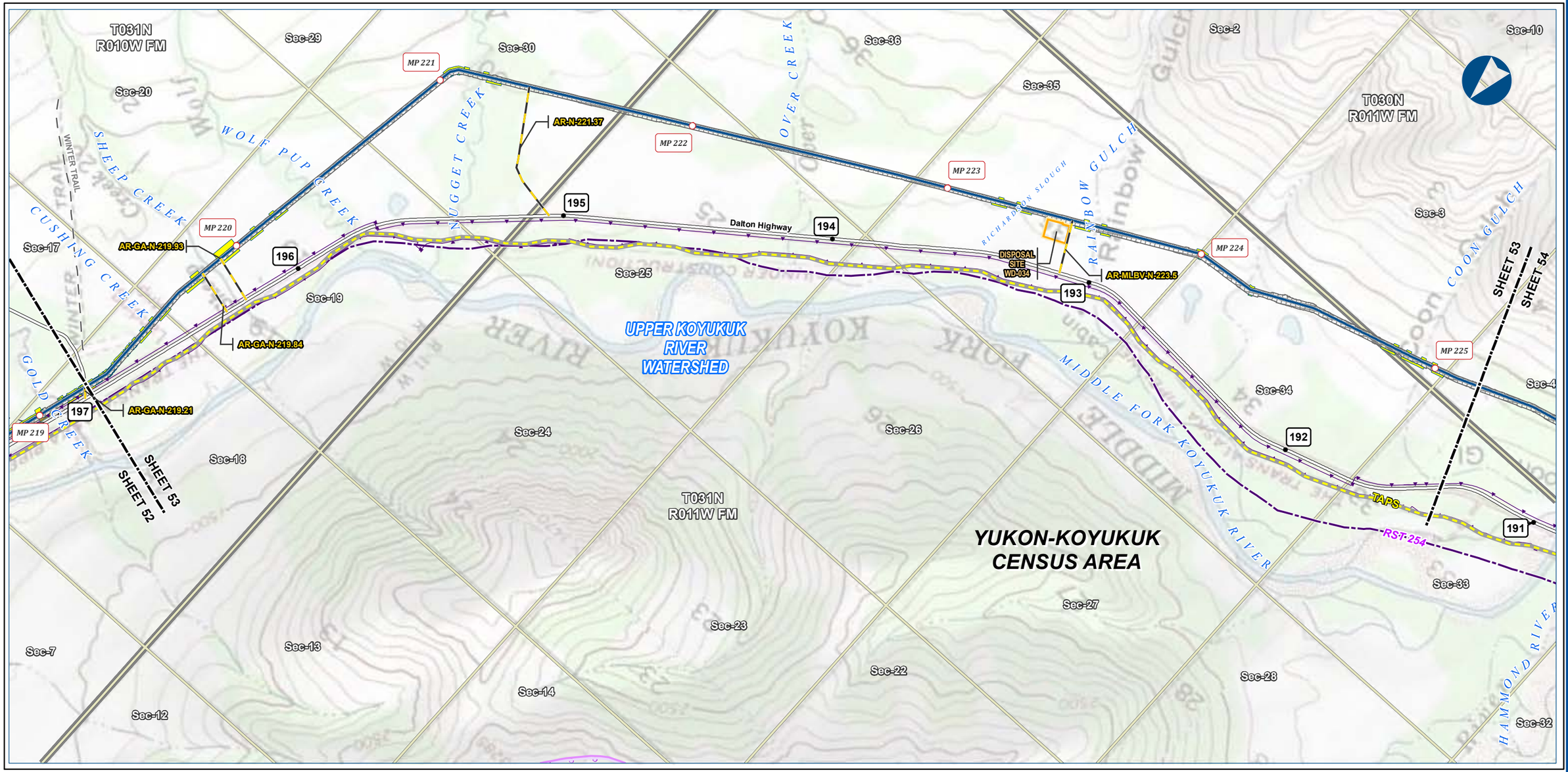
DISCLAIMER

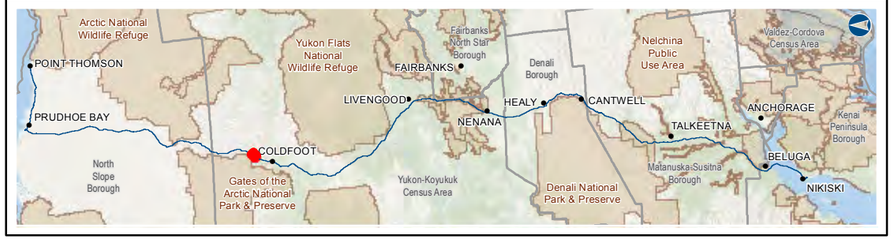
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Conservation Lands
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14 | **PROJECTION:** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

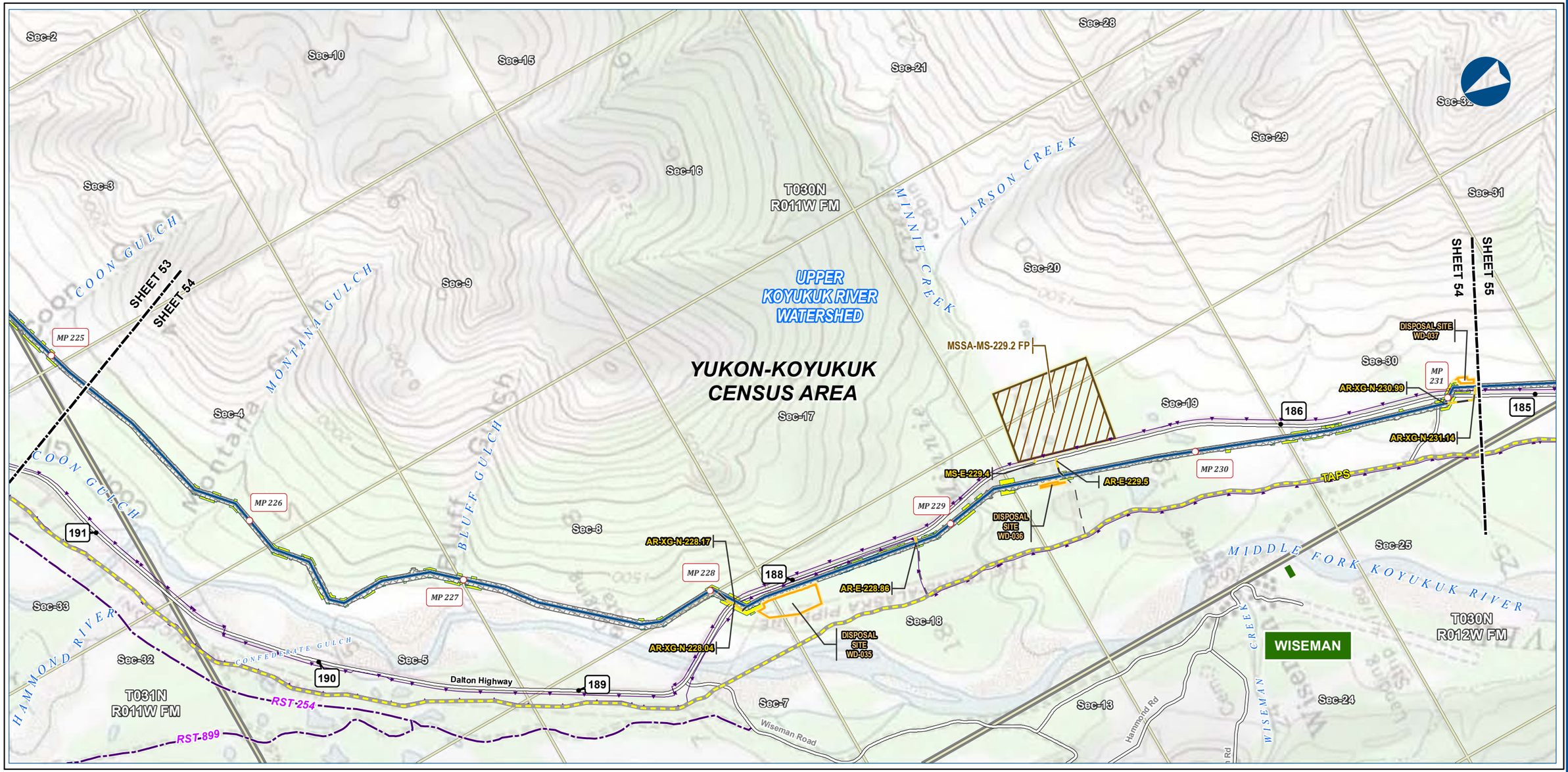
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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL | **SHEET:** 53

Alaska LNG Project

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Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Alaska DOT Place Names
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	54

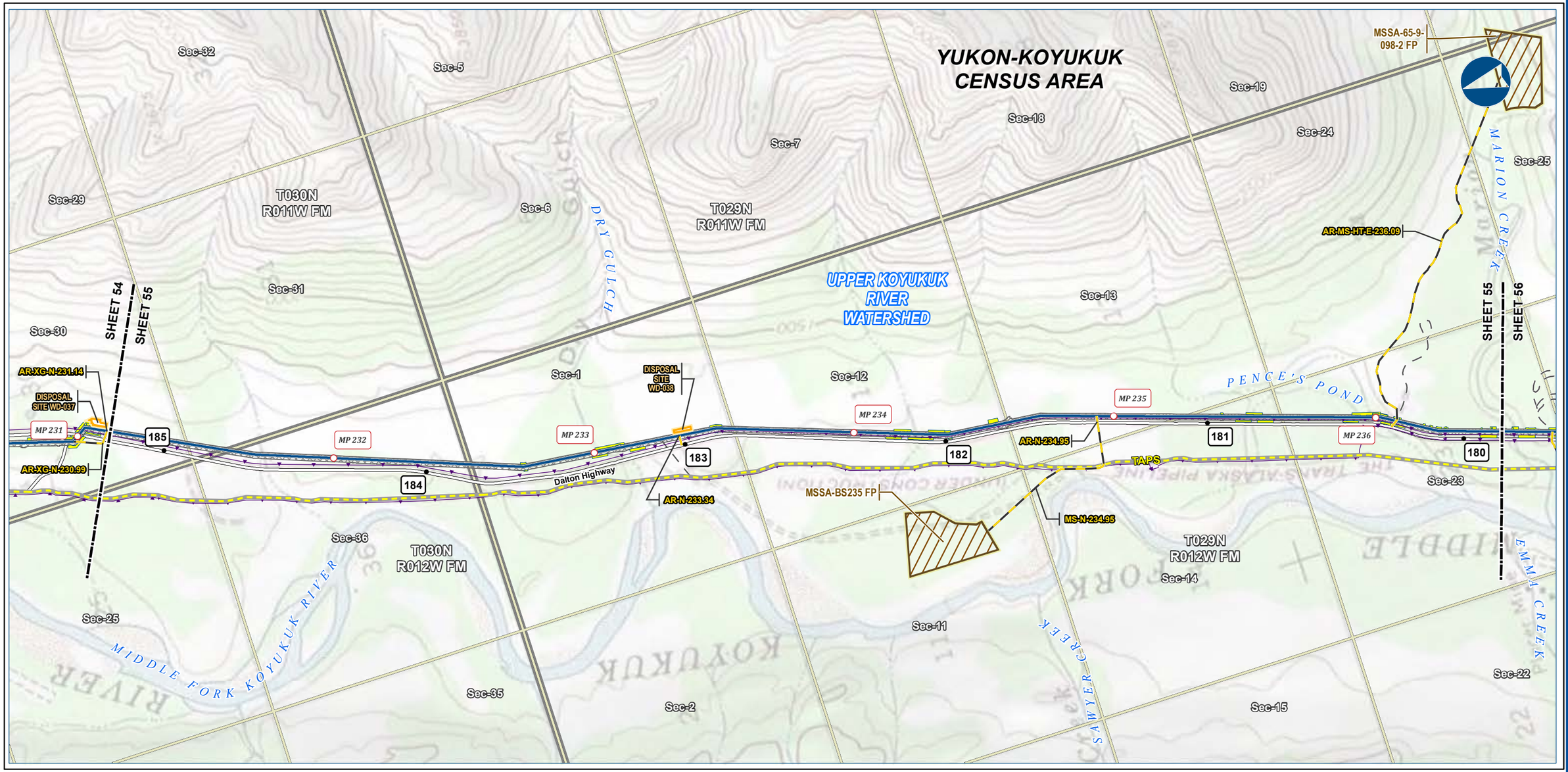
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	55

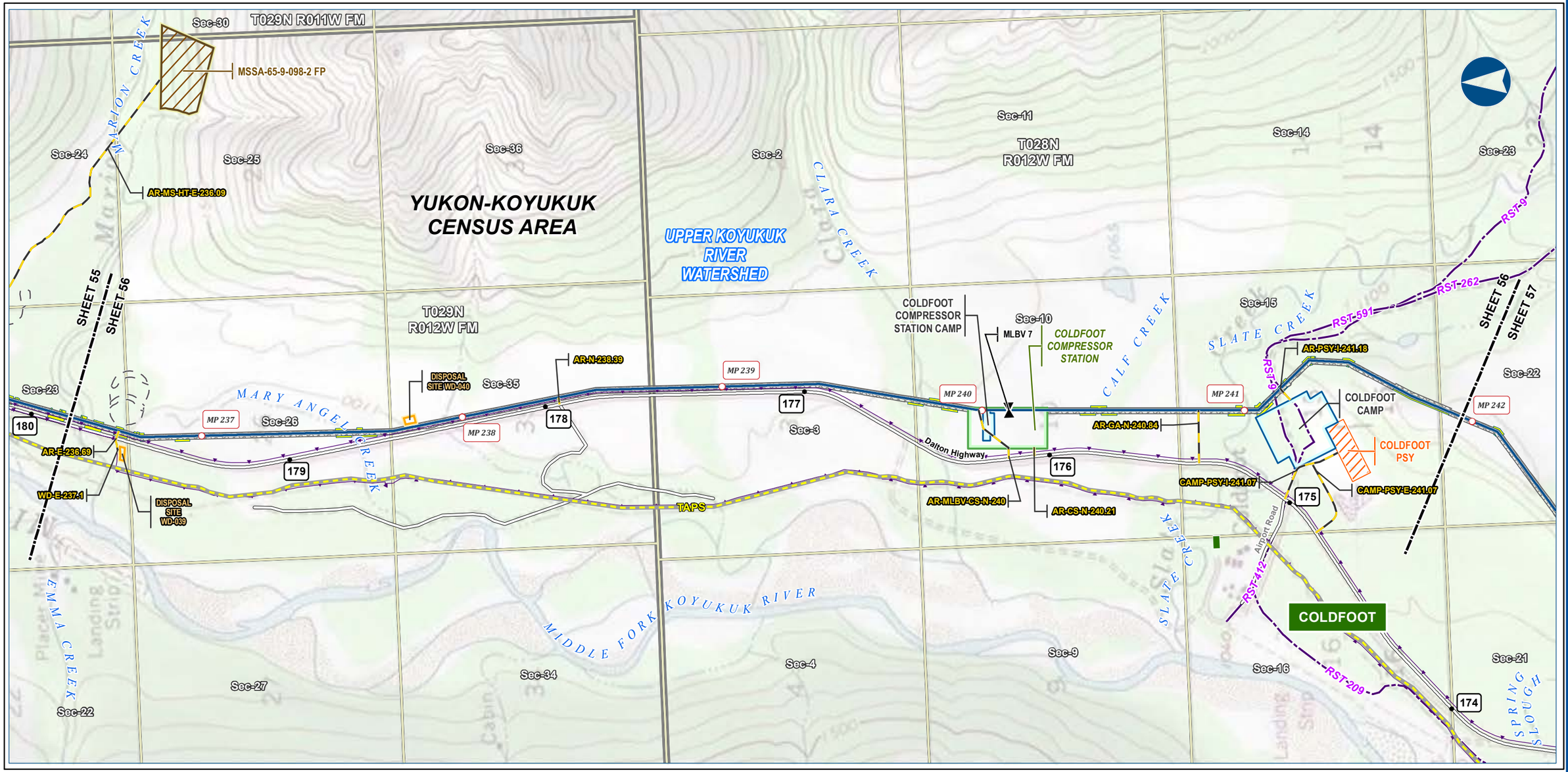
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve

- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Alaska DOT Place Names
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

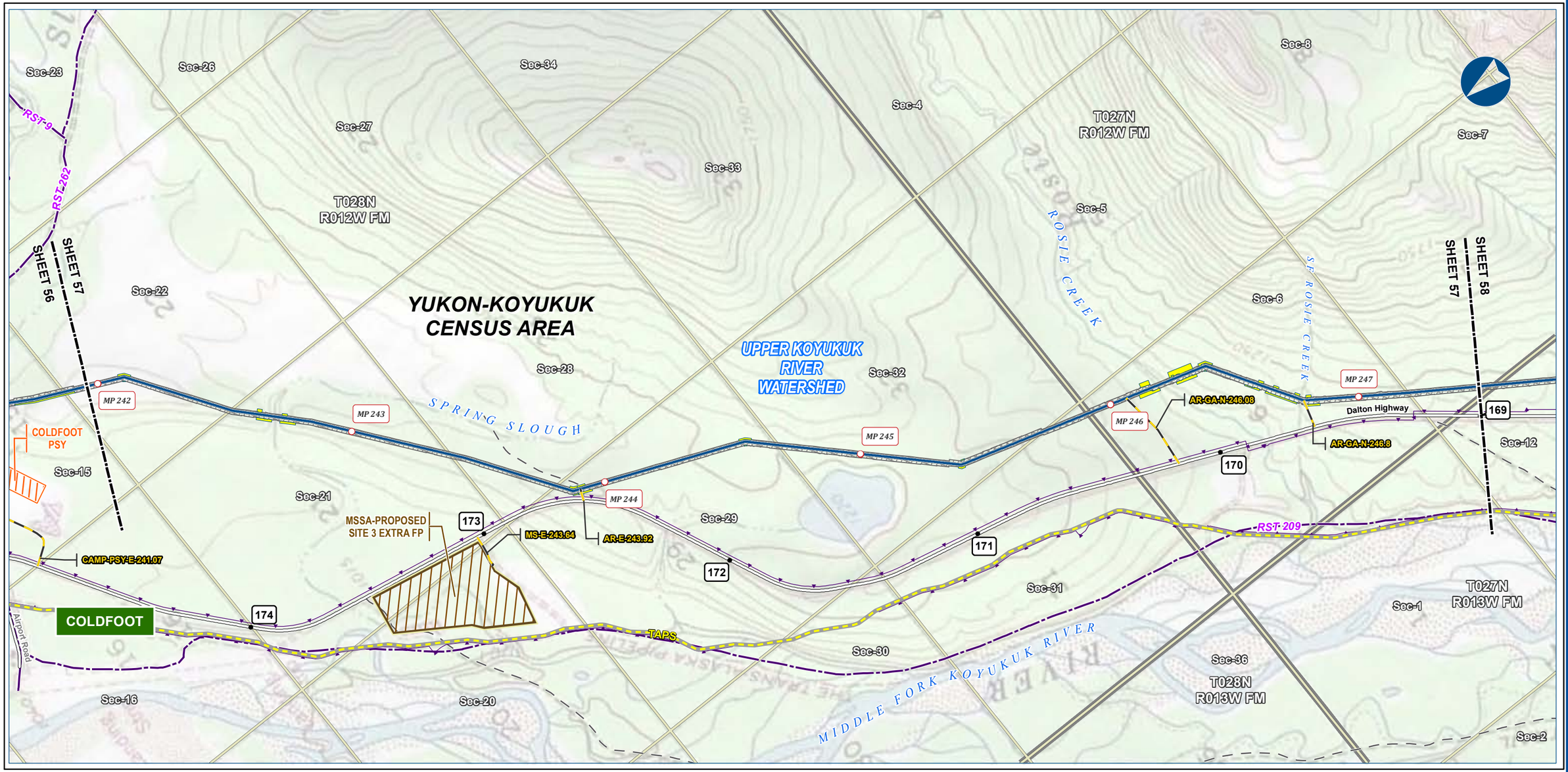
DATE: 2017-03-14	***PROJECTION:*** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

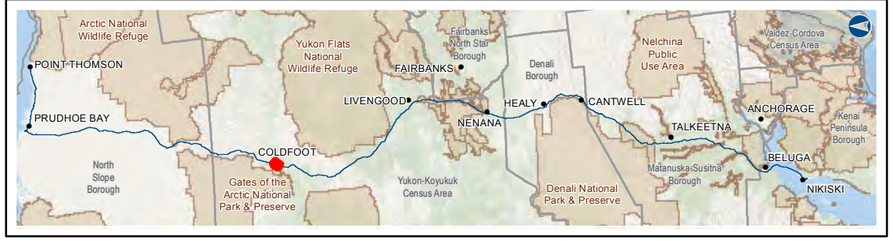
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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL	***SHEET:*** 56

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Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE:	2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

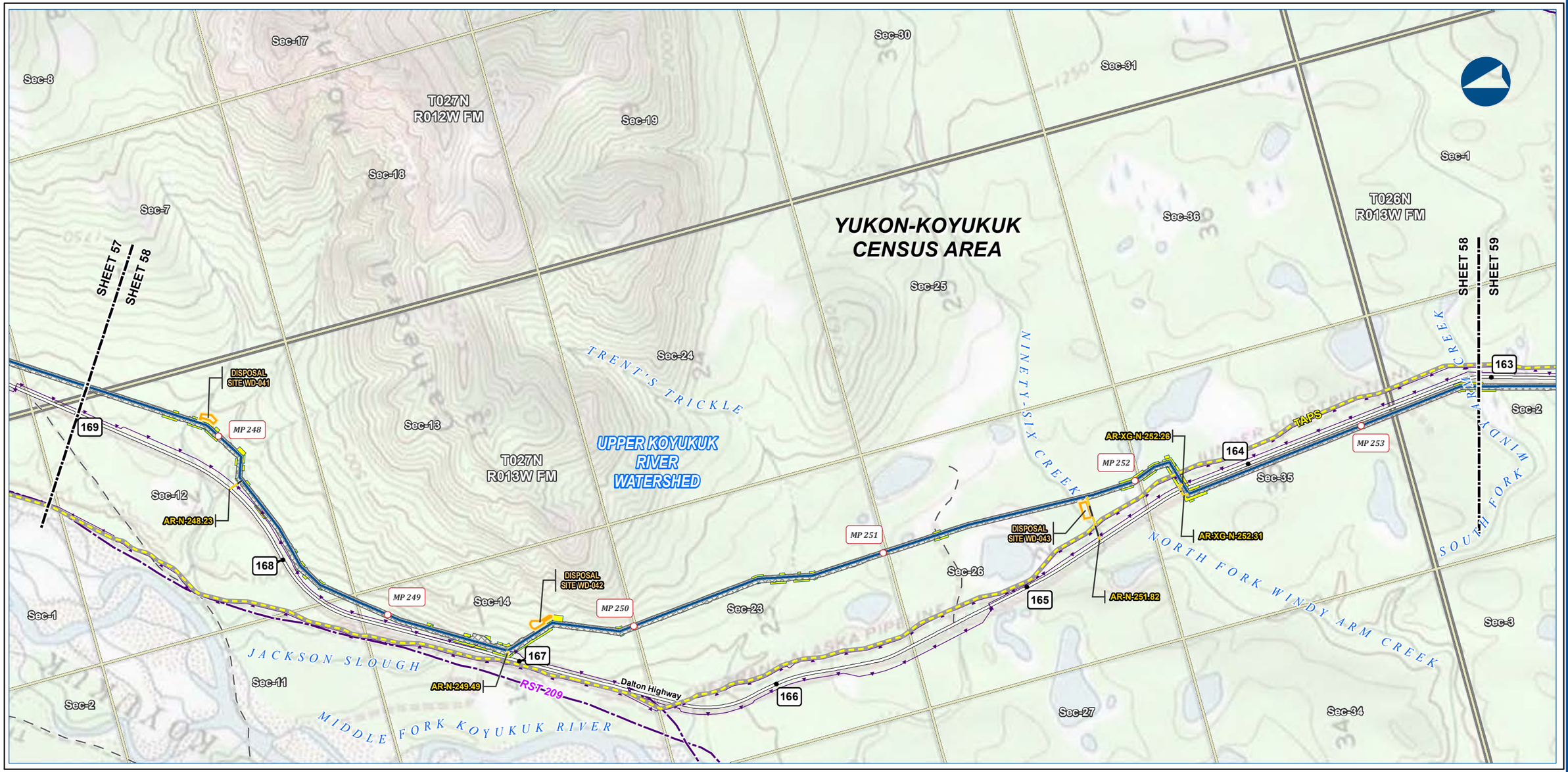
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DWG:	RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL	***SHEET:***	57

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	58

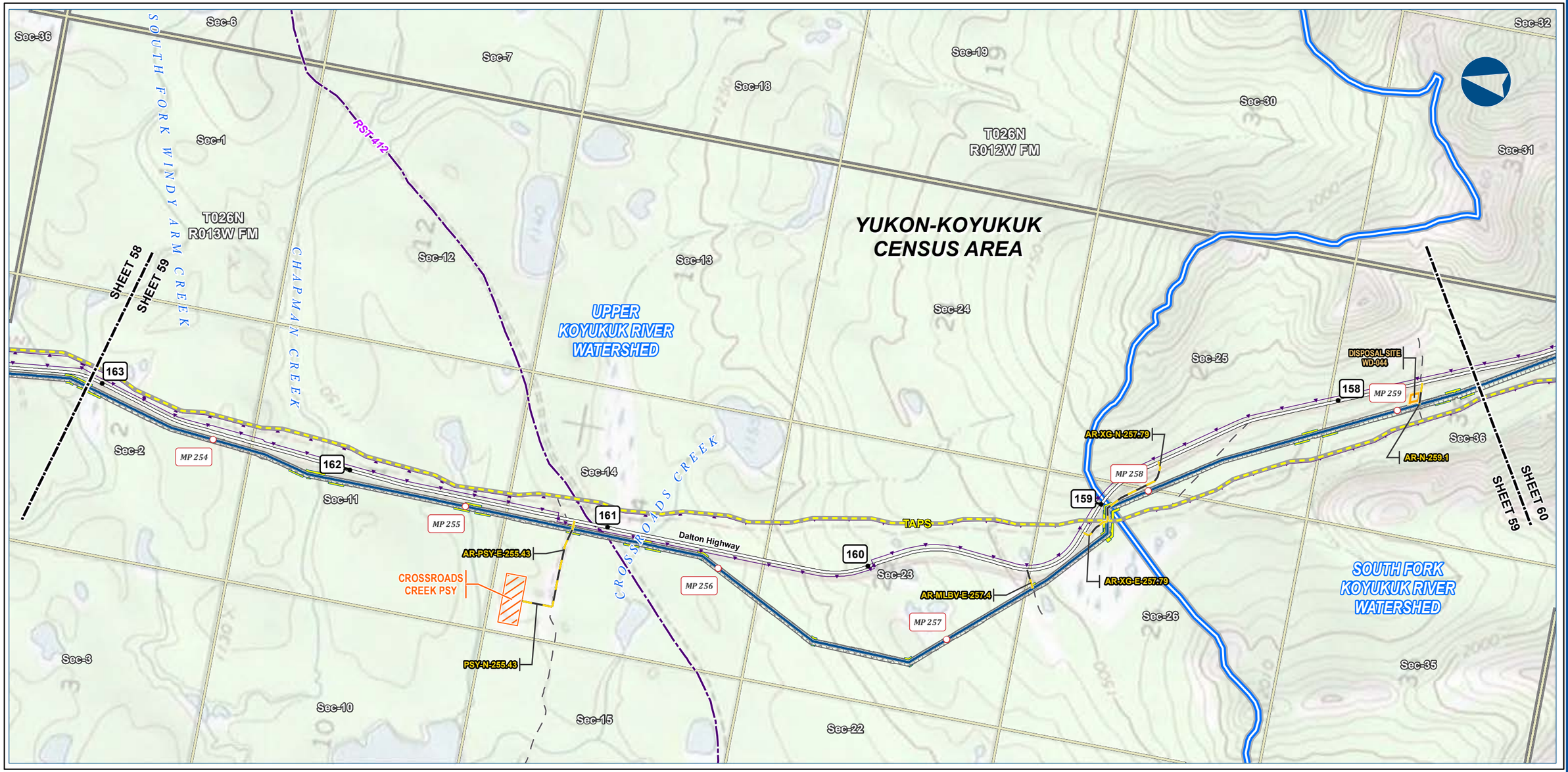
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	59

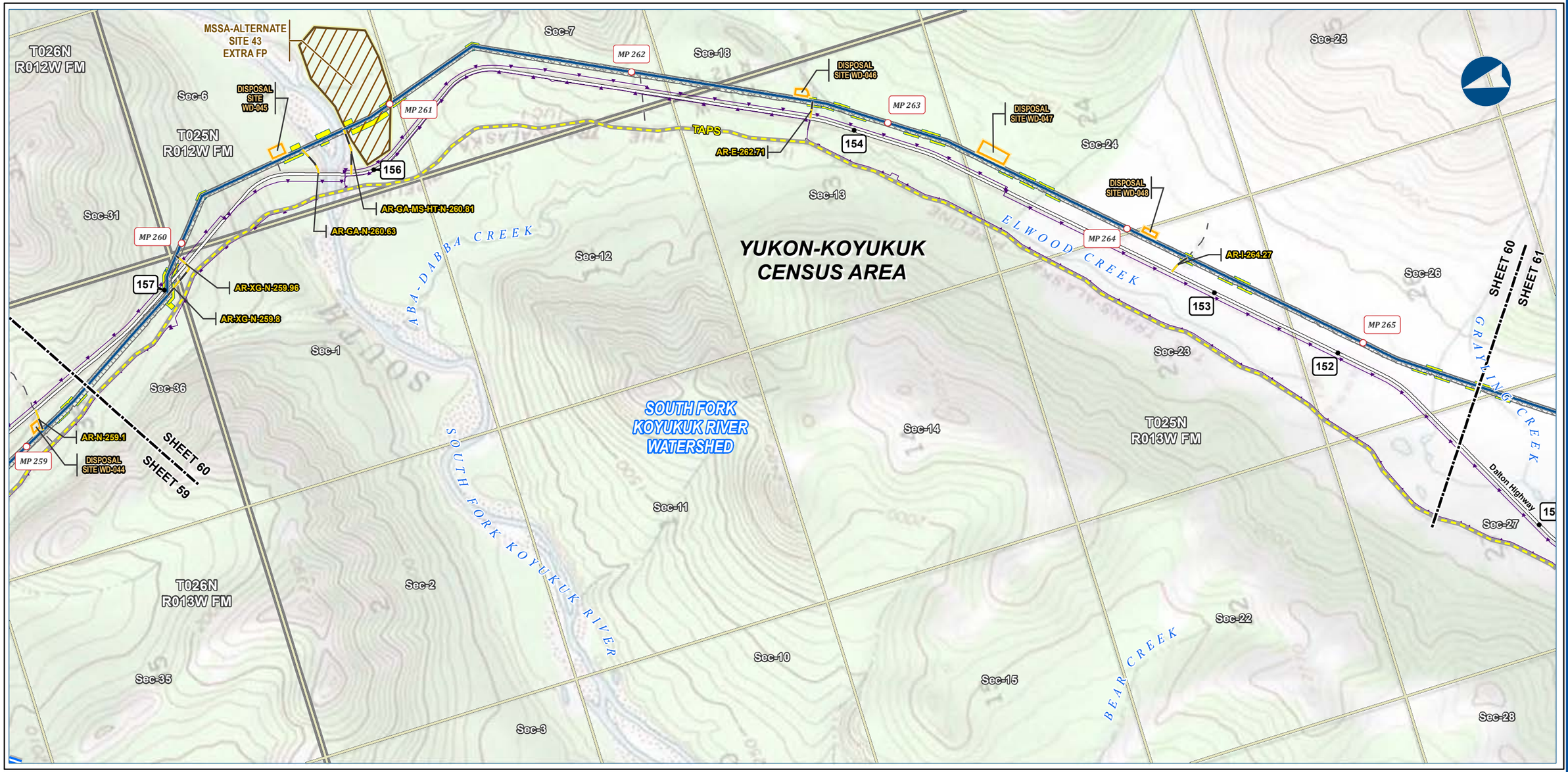
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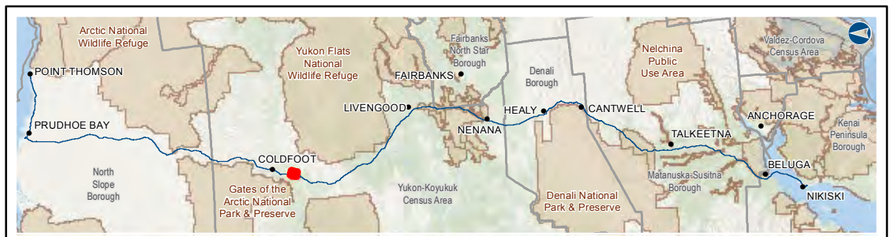
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	60

DISCLAIMER

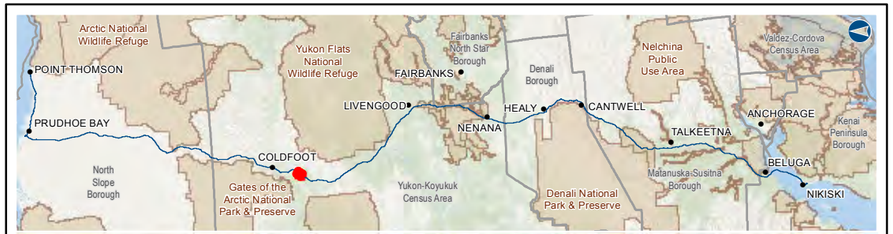
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

Sec-36 Sec-3 Sec-16 Sec-20
Sec-9
Sec-35 Sec-17
T024N R013W FM
Sec-19
Sec-4
JIM RIVER
SHEET 60 SHEET 61 SHEET 61 SHEET 62
SOUTH FORK KOYUKUK RIVER WATERSHED
Sec-26 Sec-8
GRAYLING CREEK
Sec-18
MP 266 Sec-34 MP 269 AR-N-269.56 MP 270 MP 271
Sec-5 MP 268 148 147 Dalton Highway 146
MP 267 TAPS
GRAYLING LAKE
149 Sec-7
151 AR-I-267.56
Sec-27
YUKON-KOYUKUK CENSUS AREA
150
Sec-13
Sec-33 T024N R014W FM
T025N R013W FM
Sec-6
Sec-22
Sec-28
Sec-12
Sec-32 Sec-1 Sec-14
Sec-21



Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 0 ¼ ½ Miles

DATE: 2017-03-14 **PROJECTION:** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

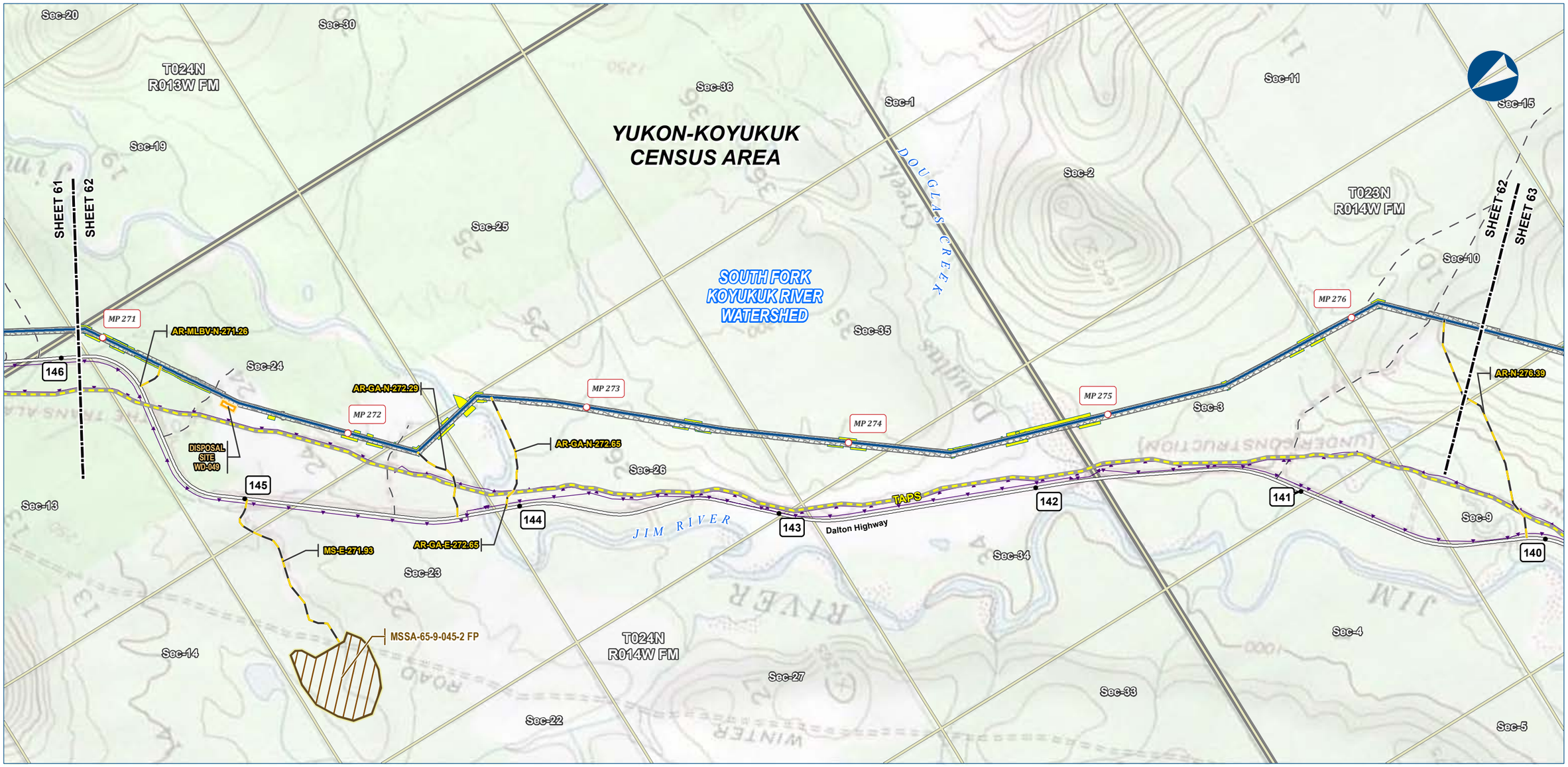
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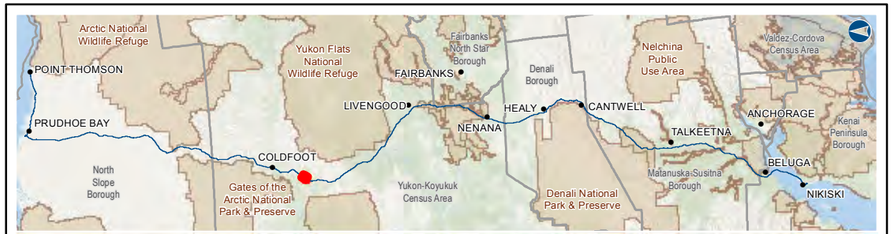
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL **SHEET:** 61

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	62

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

Sec-14 Sec-22 Sec-27 Sec-33 Sec-4
Sec-11
Sec-15 Sec-28 Sec-5
T022N R014W FM
Sec-32
T023N R014W FM
Sec-21
YUKON-KOYUKUK CENSUS AREA
Sec-10
Sec-29 Sec-6
Sec-16
SOUTH FORK KOYUKUK RIVER WATERSHED
Sec-20 Sec-31
Sec-9
Sec-8 Sec-17 Sec-19 Sec-30
Sec-4
T023N R015W FM Sec-36

SHEET 62
SHEET 63
SHEET 63
SHEET 64

PROSPECT CREEK
JIM RIVER
Dalton Highway
TAPS

MSSA-PROPOSED SITE 4 EXTRA FP3
MSSA-PROPOSED SITE 4 EXTRA FP1
MSSA-PROPOSED SITE 4 EXTRA FP2

ALT-MS-281.61
ALT-MS-281.61
DISPOSAL SITE WD-050
AR-HT-N-281.44
AR-HT-E-281.44
AR-E-278.11
AR-N-278.11
AR-N-276.39

MP 277
MP 278
MP 279
MP 280
MP 281
MP 282

140
135
139

PUMP STATION 5



Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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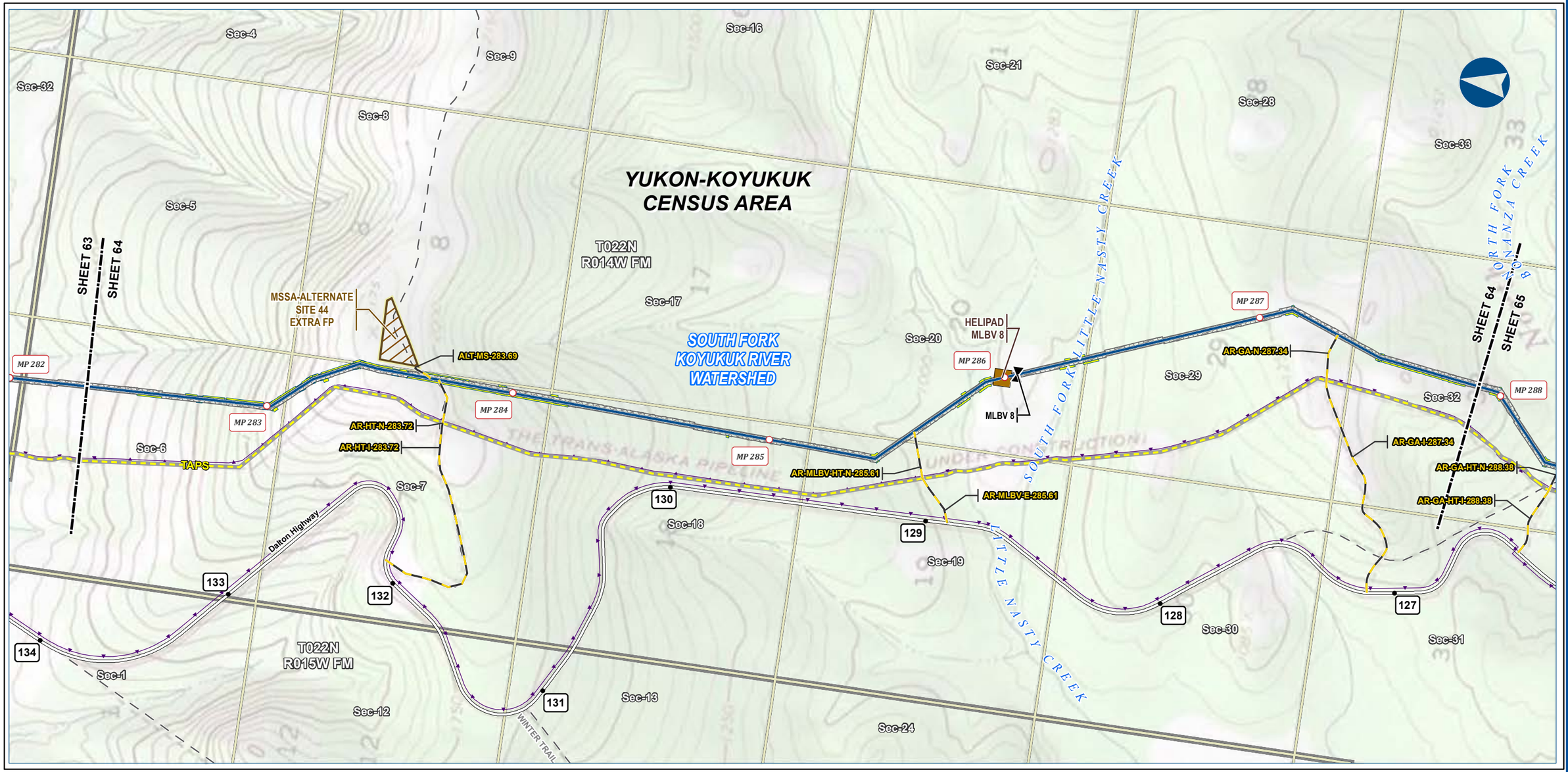
DATE: 2017-03-14	***PROJECTION:*** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL	***SHEET:*** 63

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Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve
- Helipad
- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

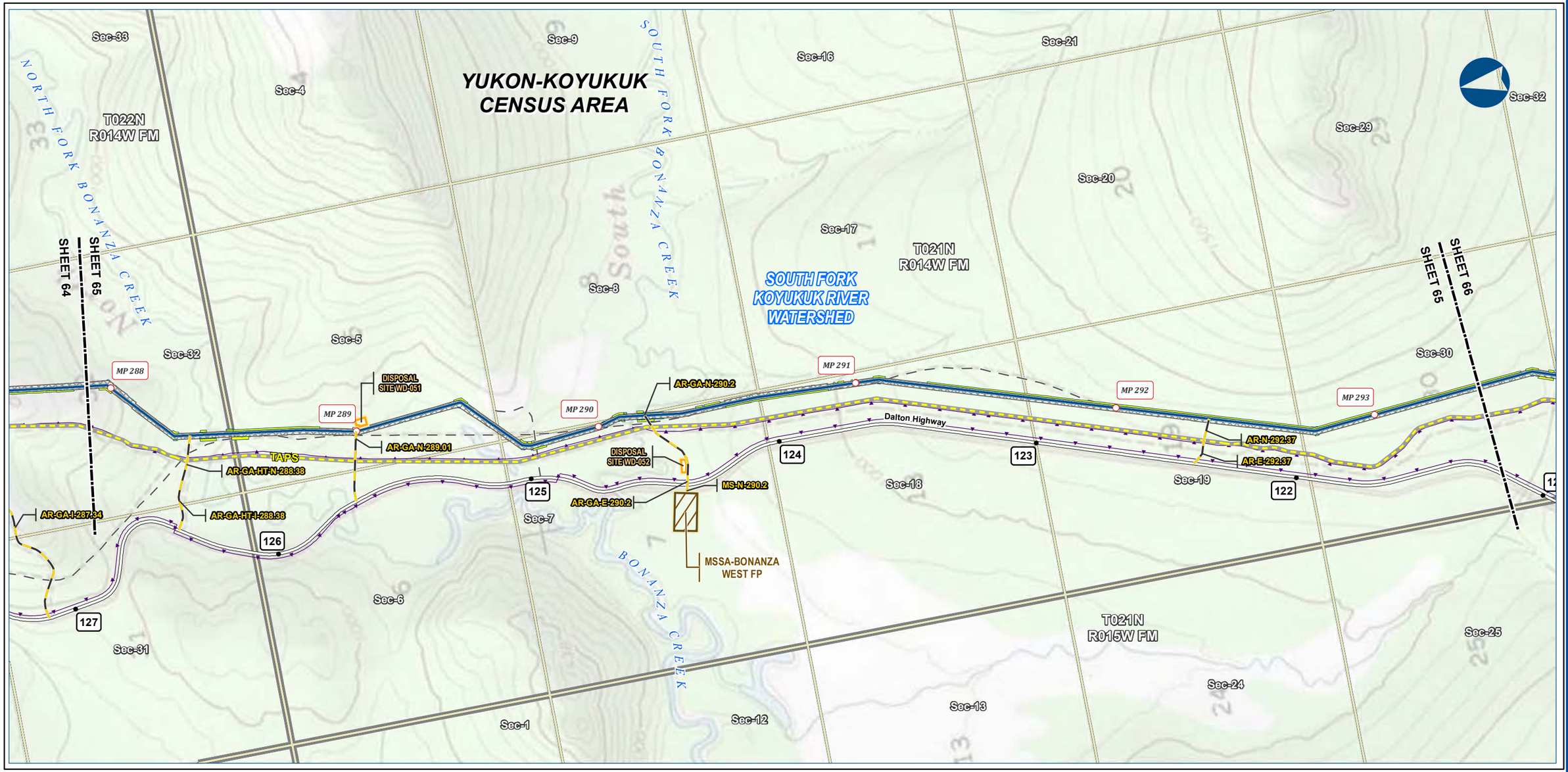
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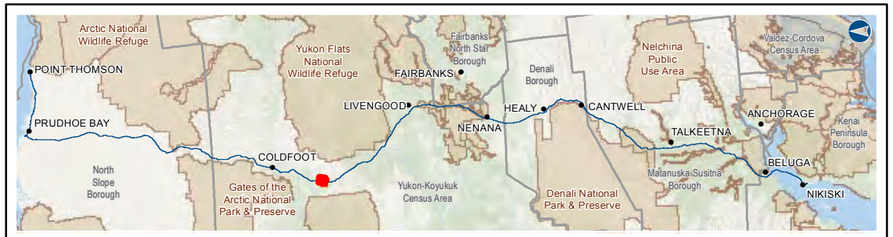
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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	64

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Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	65

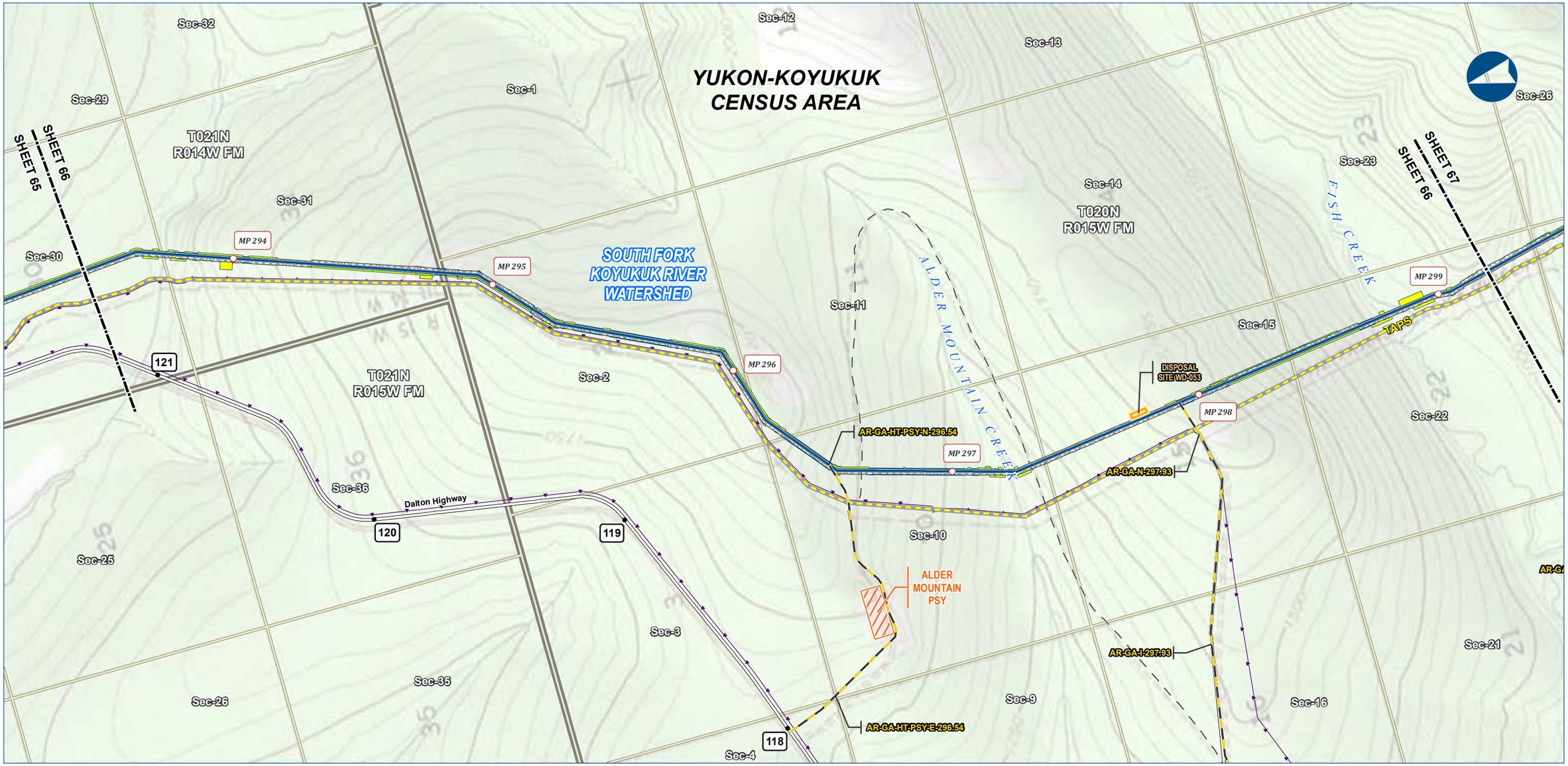
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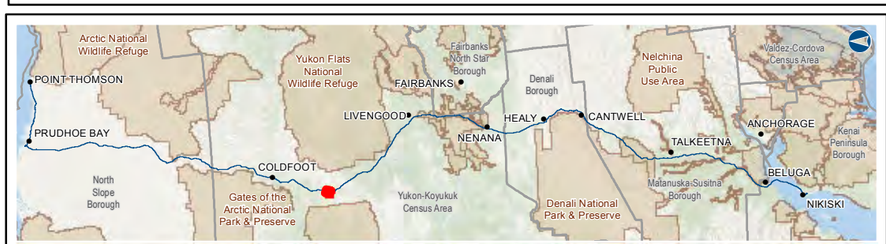
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT

Hydrology

Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
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DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL			***SHEET:*** 66

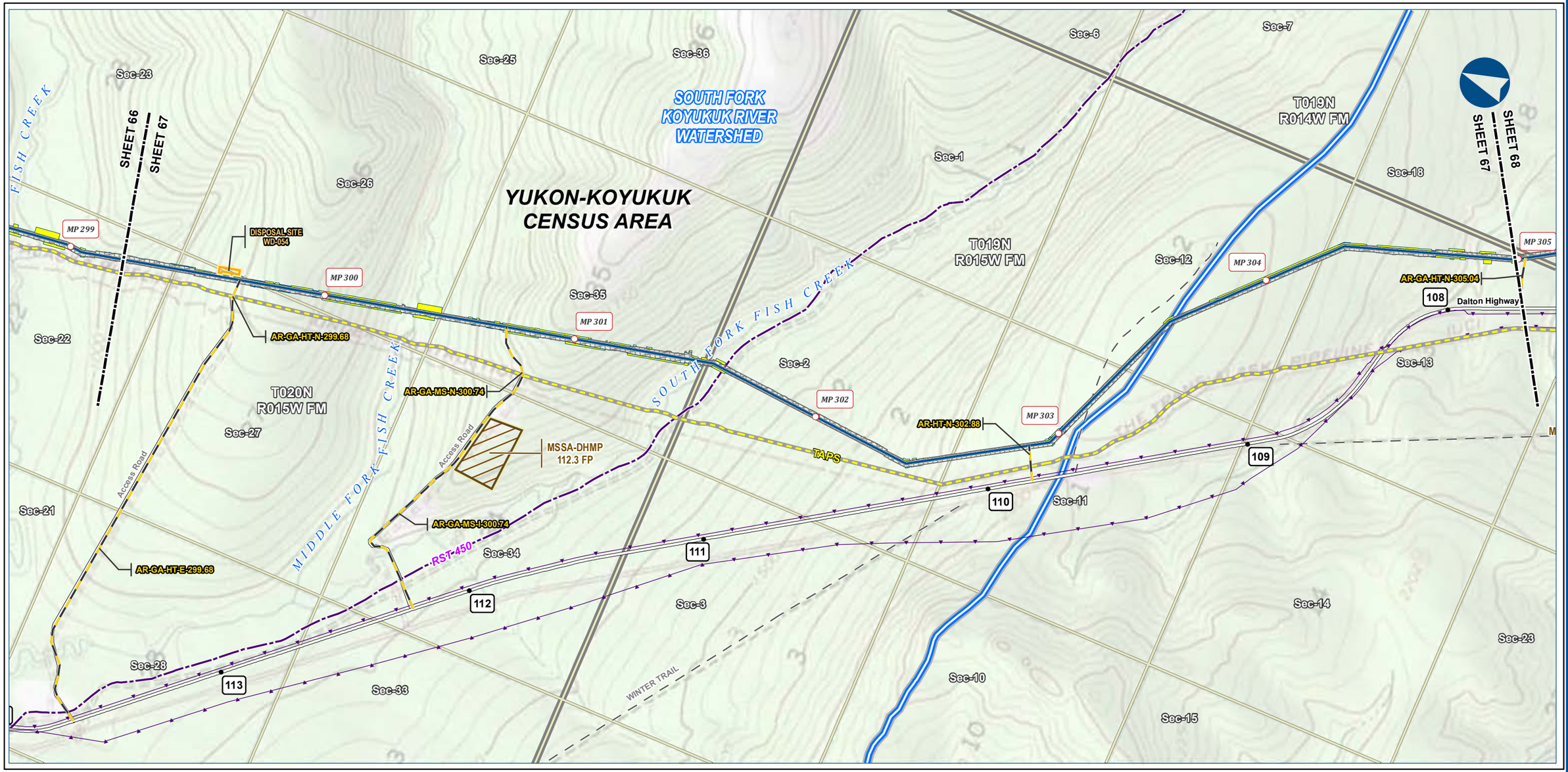
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

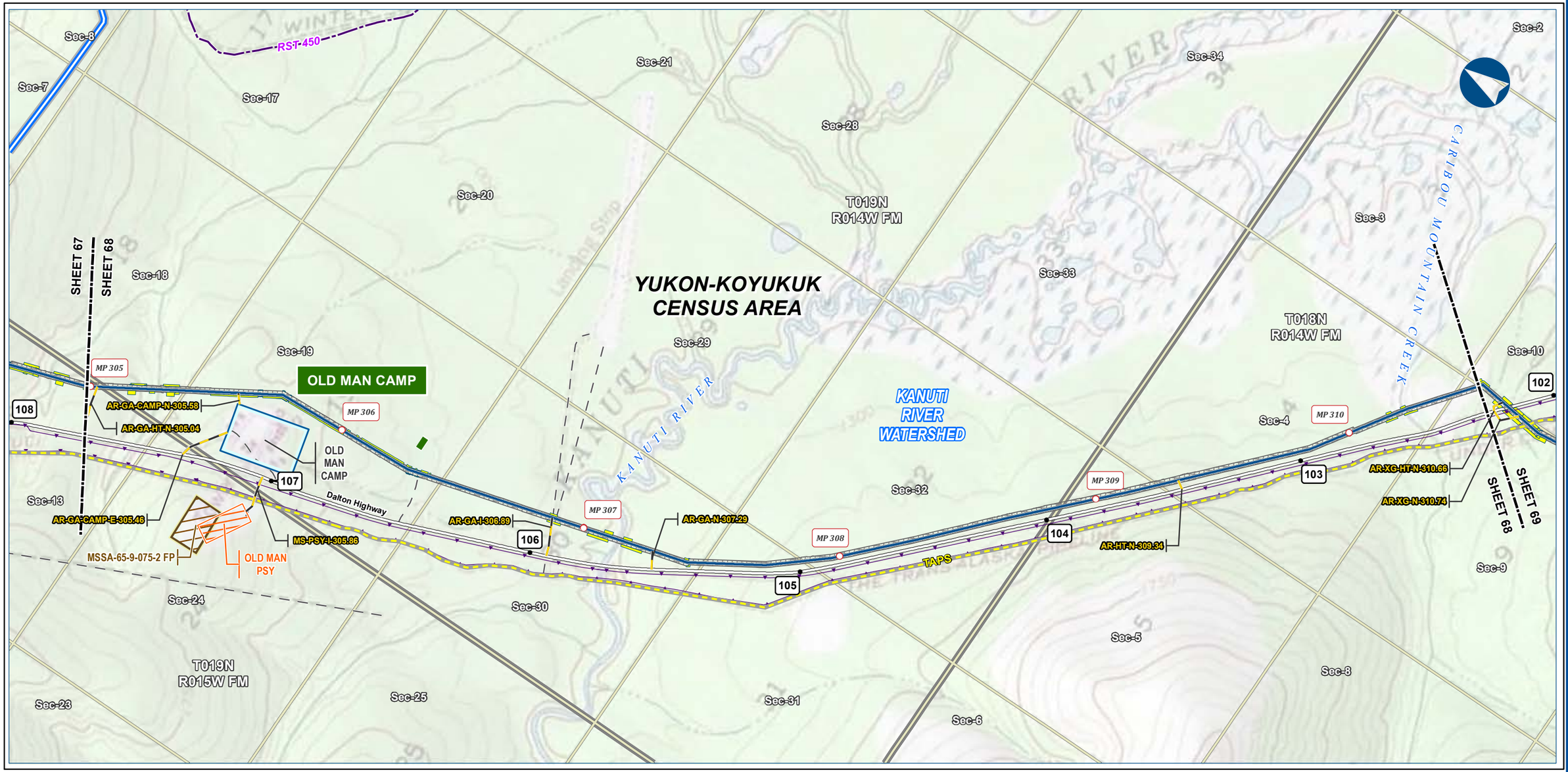
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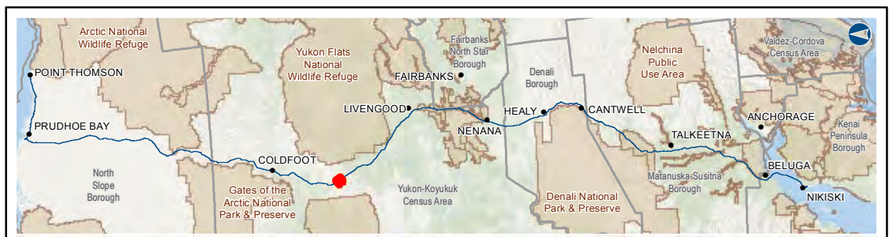
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Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Watershed Boundary
- Alaska DOT Place Names
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	68

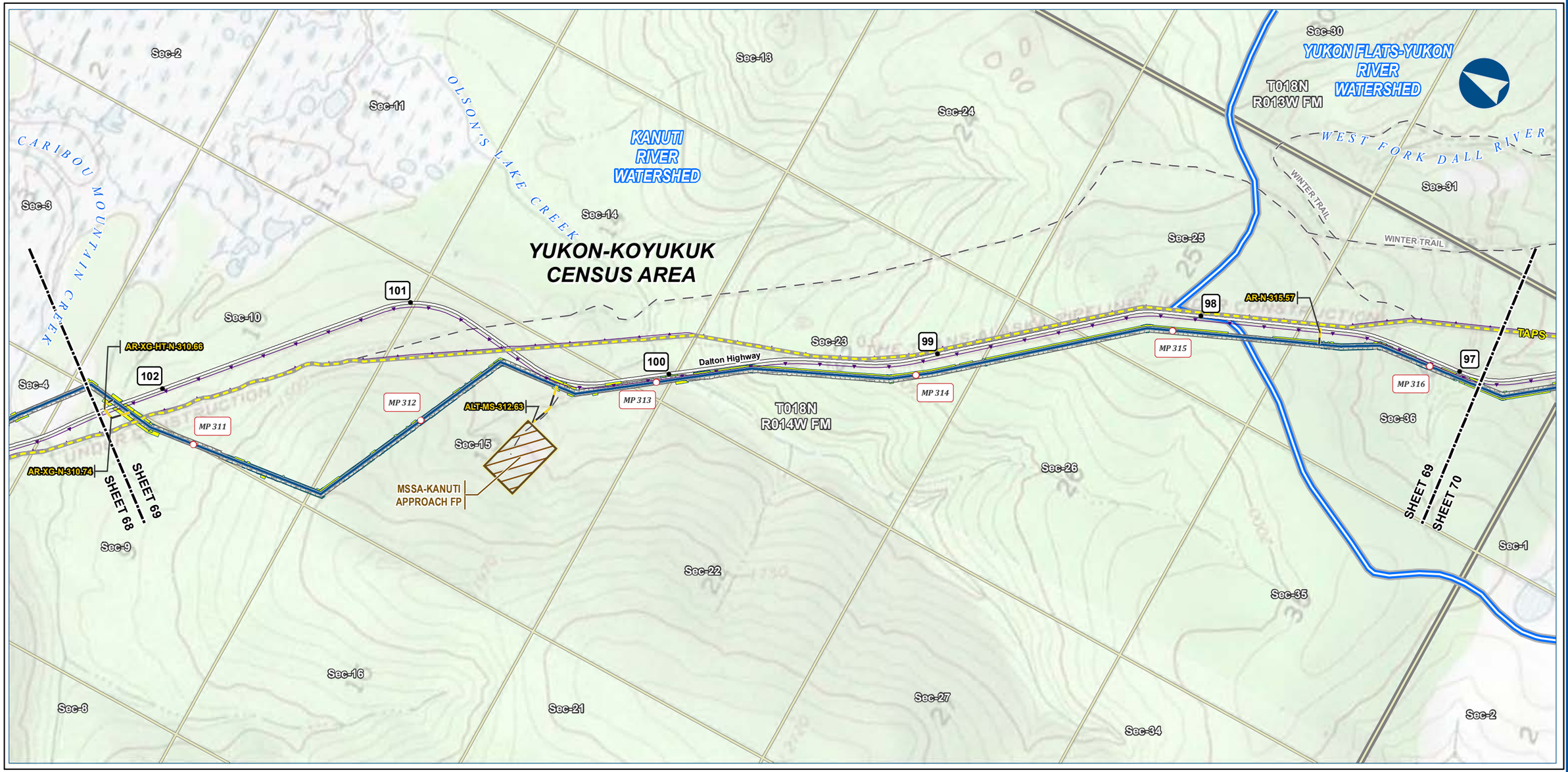
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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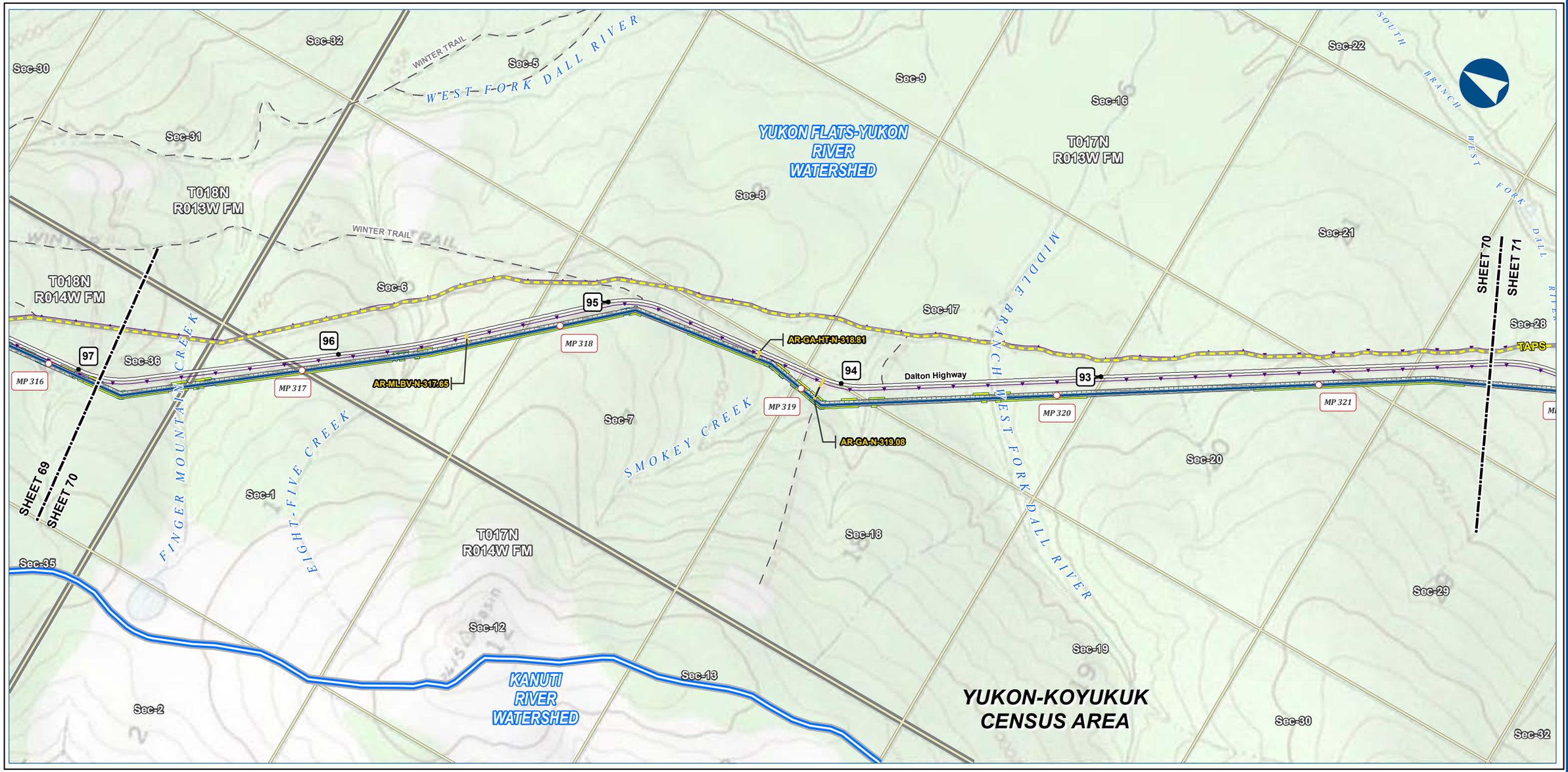
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
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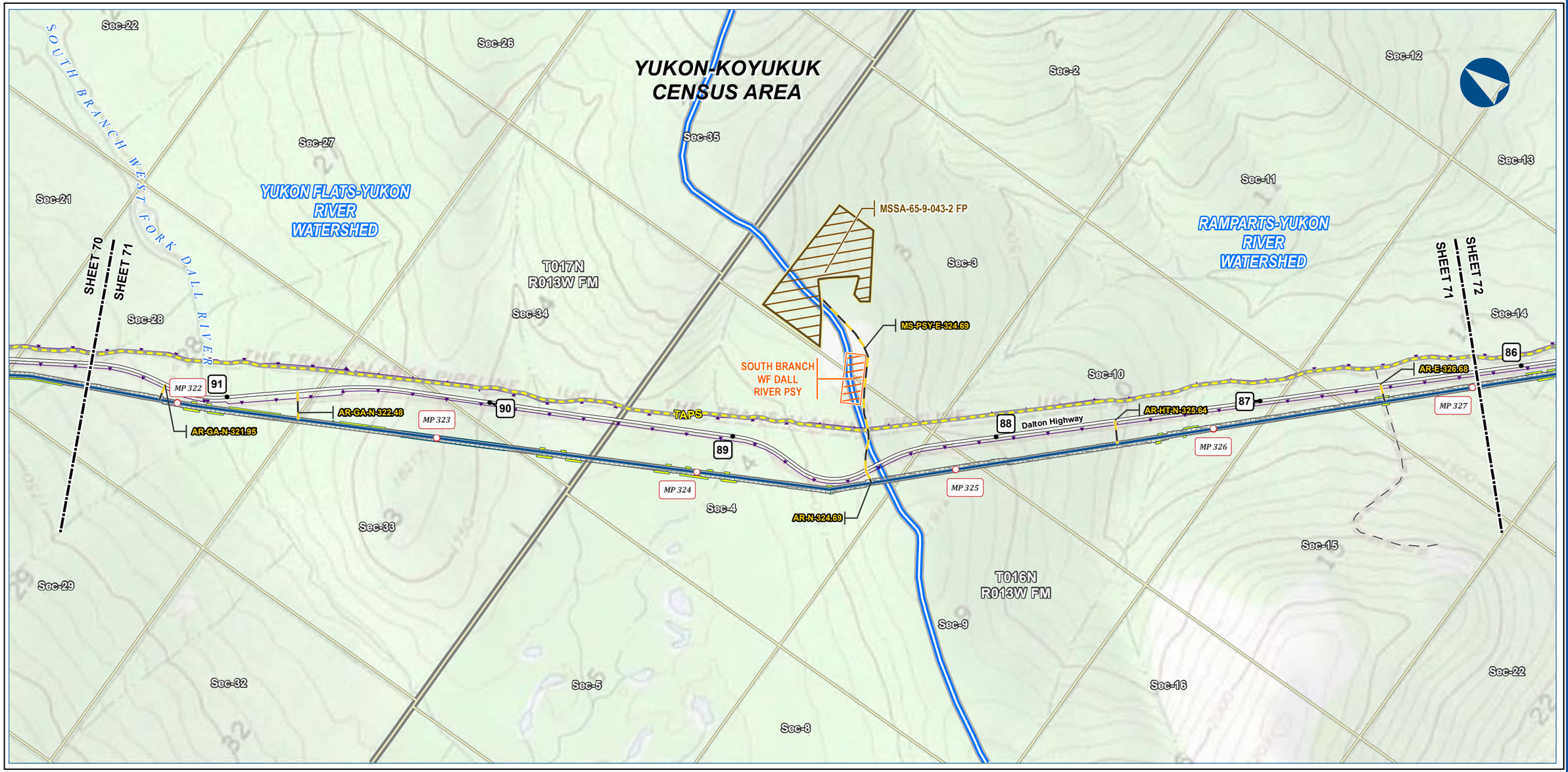
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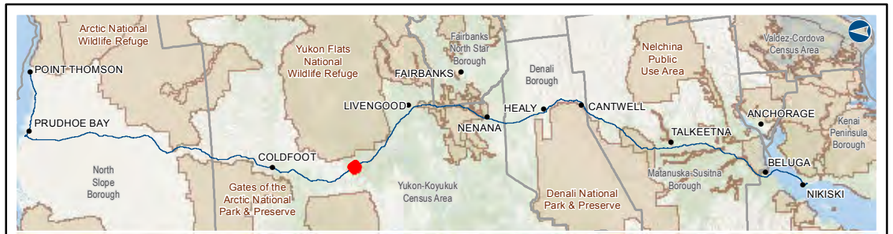
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	71

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve

- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

Sec-3
Sec-17
Sec-20
Sec-29
Sec-32
Sec-5
Sec-7
Sec-18
Sec-19
Sec-30
Sec-31
Sec-6
Sec-12
Sec-13
Sec-24
Sec-25
Sec-36
Sec-1
Sec-14

WINTER TRAIL
NORTH FORK RAY RIVER
TAPS
Dalton Highway

T015N R012W FM
T014N R012W FM
T015N R013W FM
T014N R013W FM

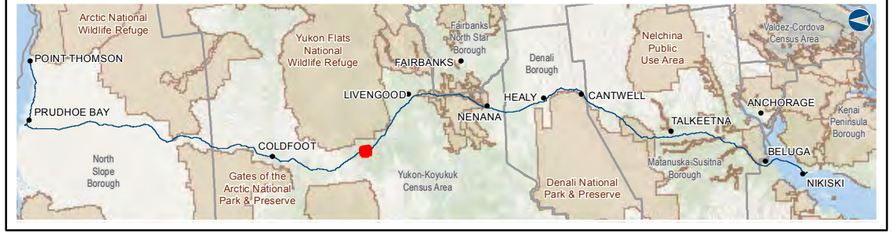
SHEET 72
SHEET 73
SHEET 73
SHEET 74

AR-MLBV-CS-HT-N-332.64
MLBV 9
AR-GA-N-334.66
AR-GA-N-334.18
AR-GA-N-334.12
MP 333
MP 334
MP 335
MP 336
MP 337
MP 338
78
80
79
77
76
75
MSSA-65-9-078-2 FP
TRIB TO NF RAY RIVER PSY
PSY-N-337.17
MS-PSY-E-337.17
AR-N-337.17
AR-N-338.03
DISPOSAL SITE WD-056

RAY RIVER COMPRESSOR STATION
RAY RIVER COMPRESSOR STATION CAMP

RAMPARTS-YUKON RIVER WATERSHED

YUKON-KOYUKUK CENSUS AREA



Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve

- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14

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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		**SHEET:**	73

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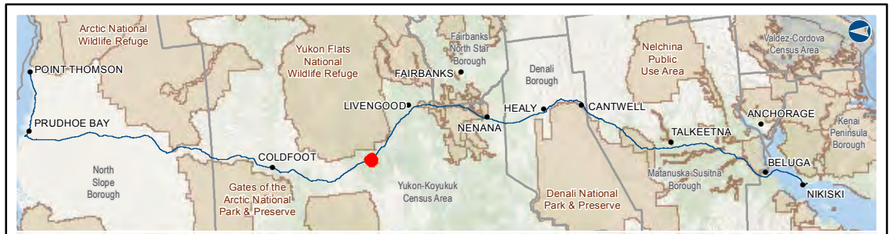
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

Sec-32 Sec-4 Sec-9 Sec-15 Sec-23 Sec-26
Sec-5 T014N R012W FM RAMPARTS-YUKON RIVER WATERSHED Sec-22
Sec-16 YUKON-KOYUKUK CENSUS AREA
SHEET 73 SHEET 74 SHEET 75 SHEET 74
Sec-8 Sec-27
Sec-6 Sec-21
WINTER TRAIL HAMLIN HILLS EIGHT-O CREEK
DISPOSAL SITE WD-059
MP 344
MP 343
AR-XG-GA-N-343.03
AR-HT-GA-N-341.82
MP 342
AR-XG-N-341.7
AR-XG-N-341.6
TAPS
AR-HT-GA-N-343.45
AR-N-338.03
MP 338
75 74 73 72 71 70
Sec-17
MP 339
Dalton Highway
AR-MS-N-339.39
AR-HT-N-339.84
MP 340
MP 341
DISPOSAL SITE WD-057
AR-N-340.9
DISPOSAL SITE WD-058
AR-GA-N-341.80
AR-XG-HT-N-342.48
AR-XG-GA-E-343.03
AR-HT-GA-E-343.45
Sec-34
Sec-7 Sec-28
Sec-20
MSSA-MS-340 FP
Sec-33
Sec-18 Sec-29
T014N R013W FM
Sec-12 Sec-19
RAY RIVER



Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY:	AGDC
STATE:	ALASKA	CHECKED BY:	

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 0 ¼ ¼ Miles

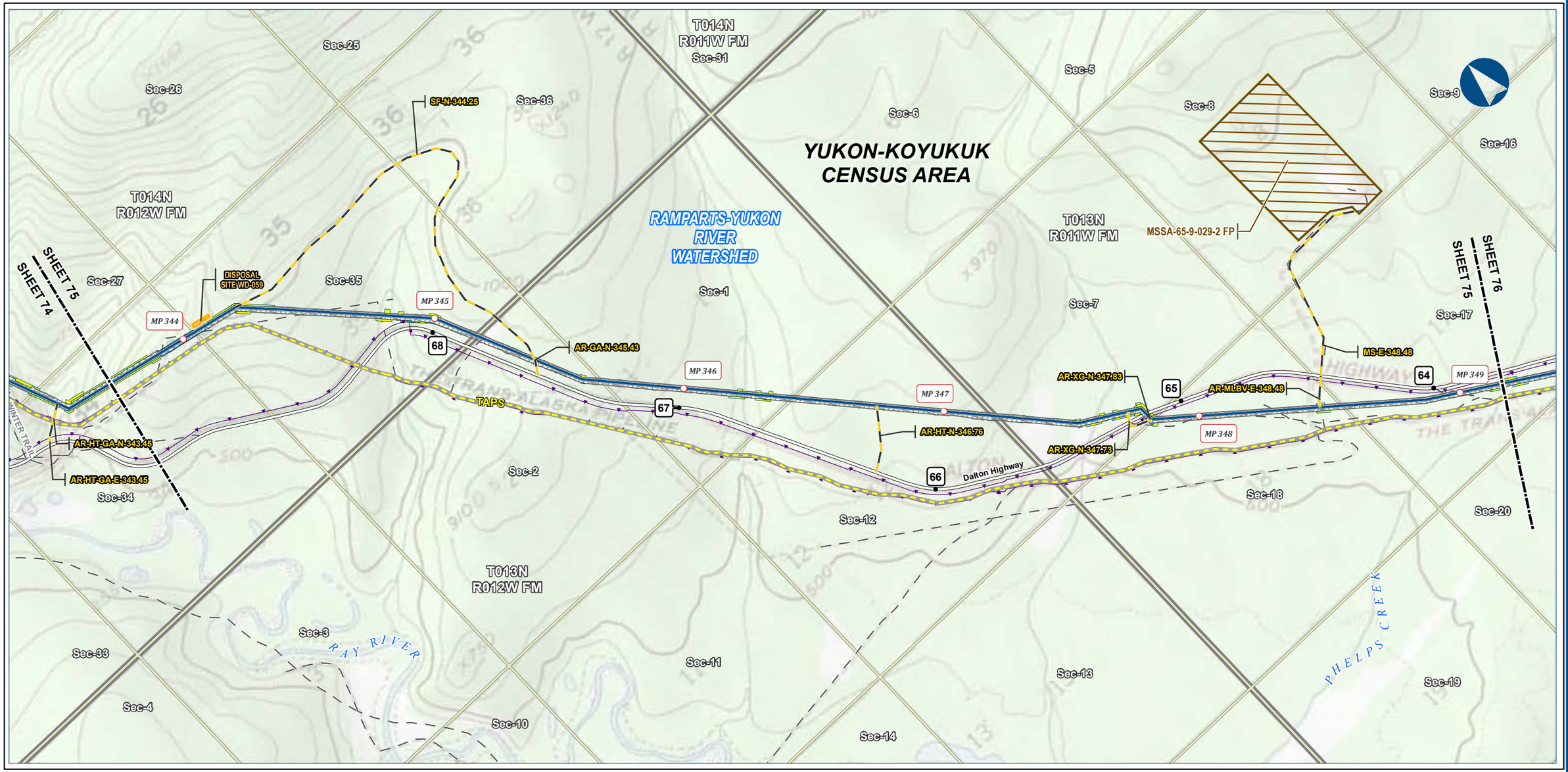
DATE: 2017-03-14 | PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

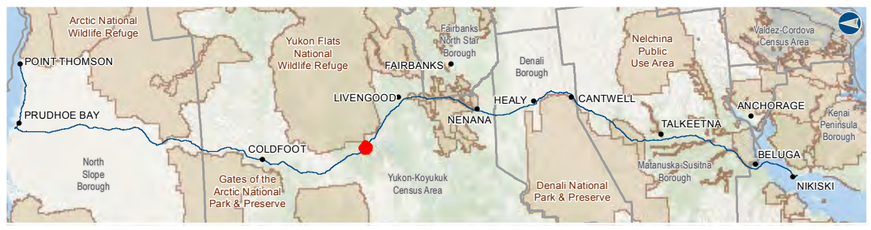
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DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL | SHEET: 74

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Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ⅛ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	75

DISCLAIMER

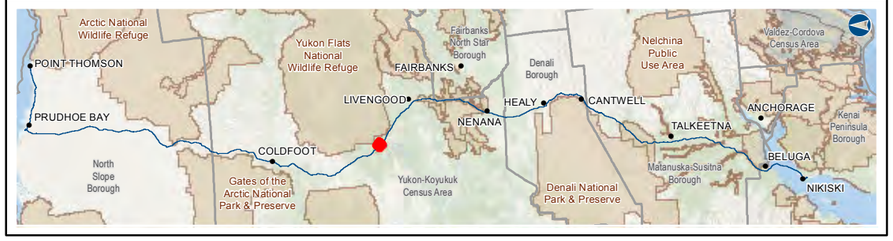
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE:	2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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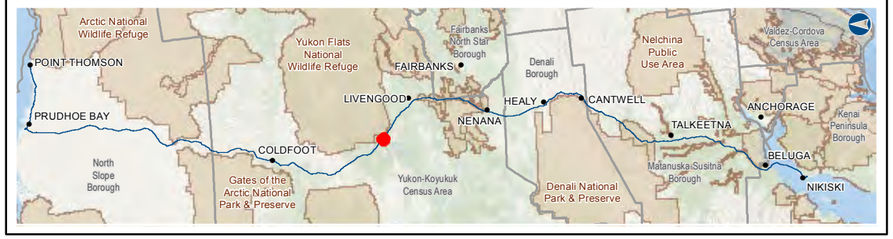
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Alaska DOT Place Names
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	77

DISCLAIMER

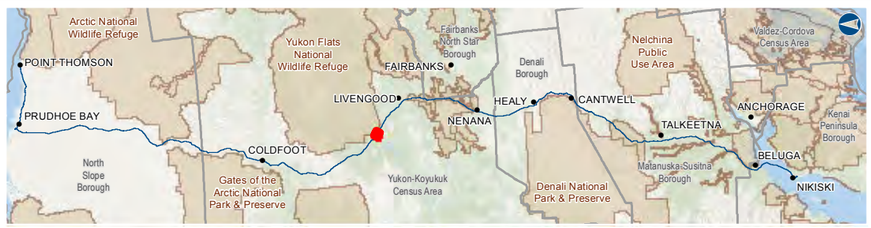
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	***DWG:*** RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL — ***SHEET:*** 78

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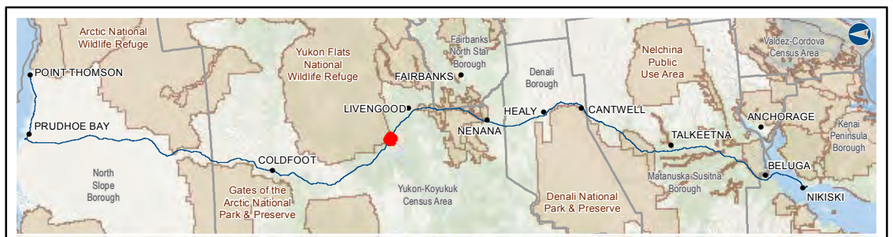
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE:	2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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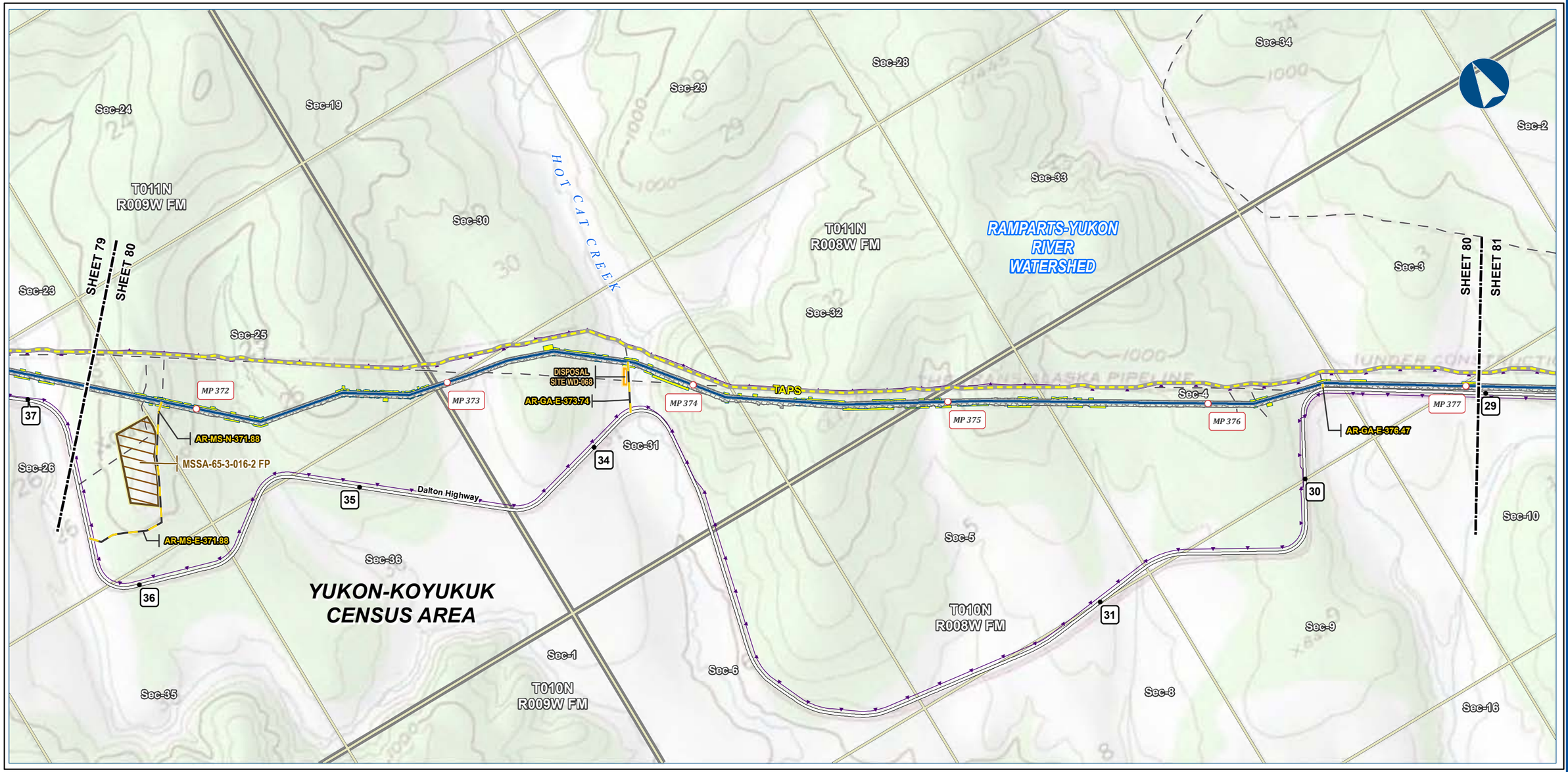
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 — 0 — ¼ — ½ Miles

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	80

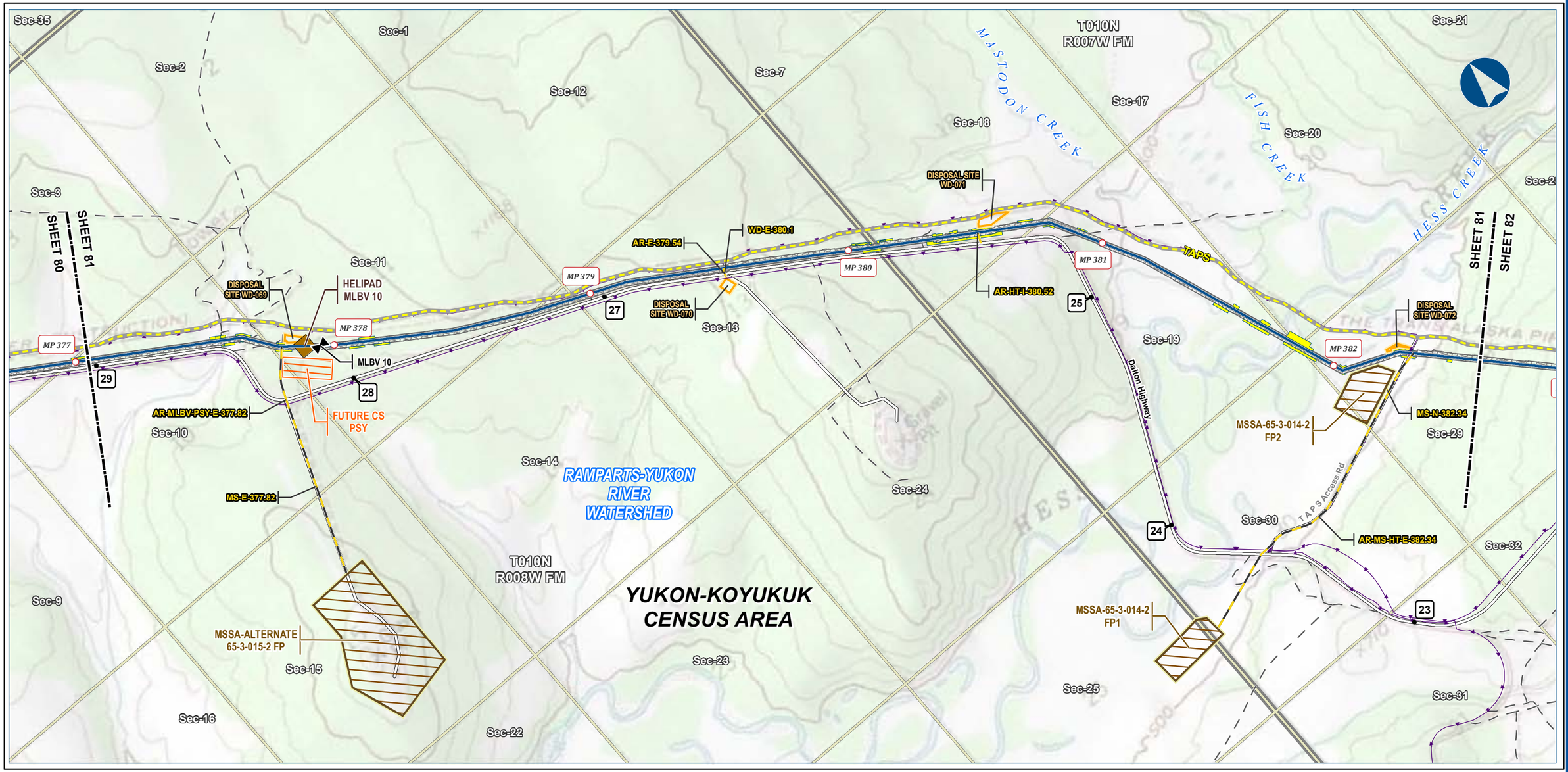
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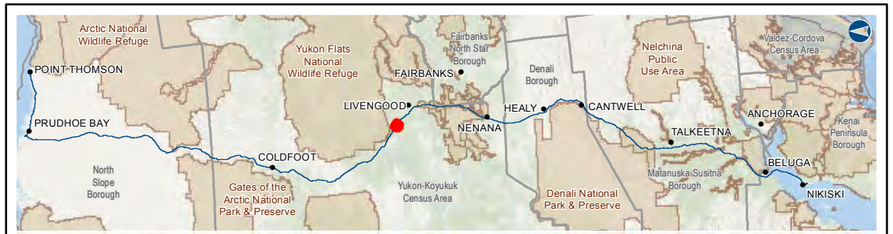
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve
- Helipad
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE:	2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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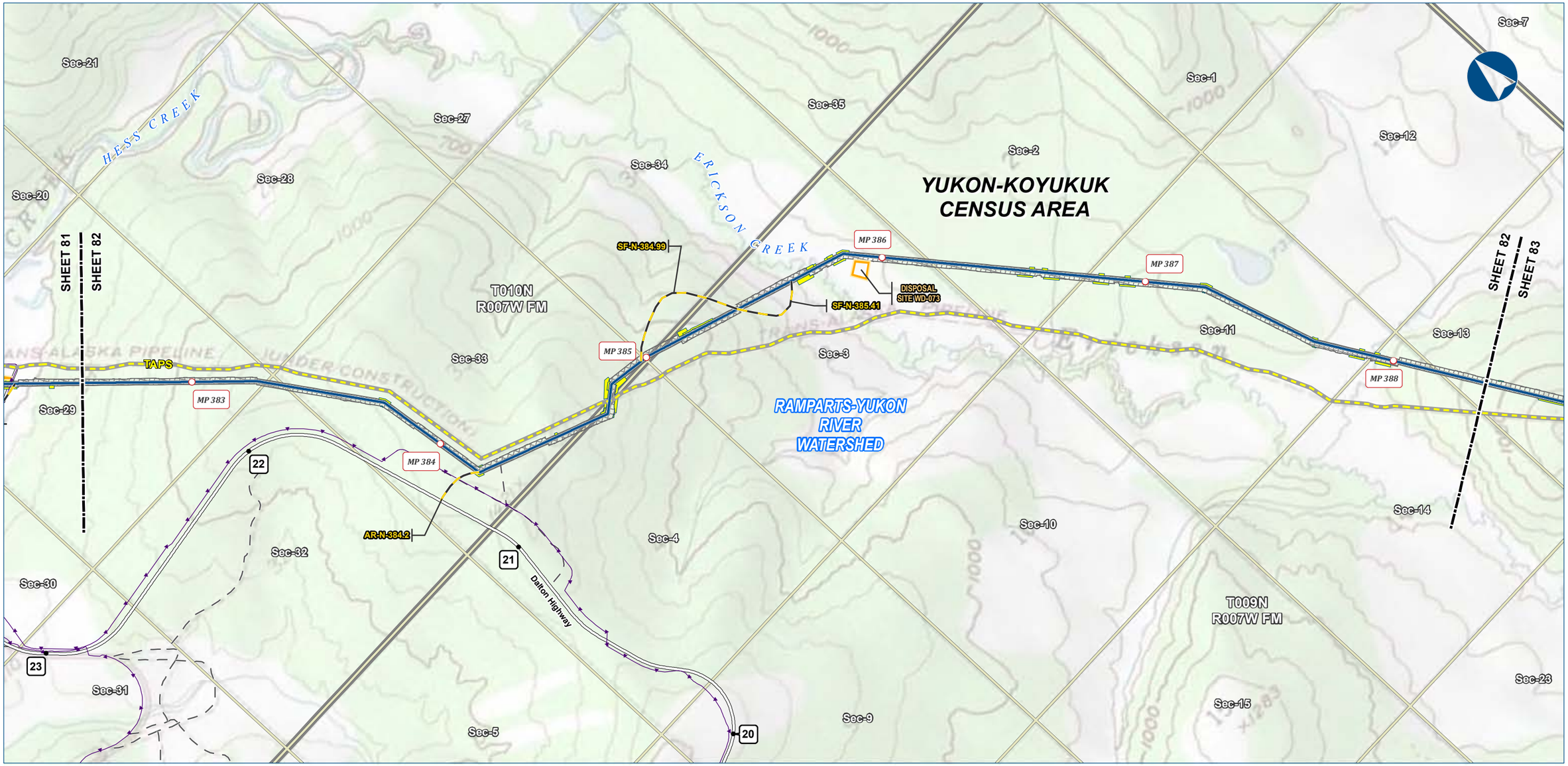
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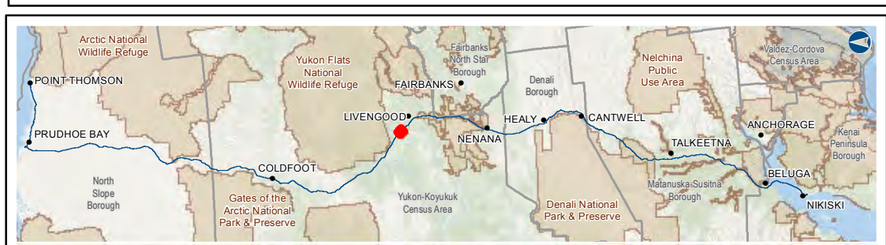
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	**DRAWN BY:**	AGDC
STATE:	ALASKA	**CHECKED BY:**	

REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE: 2017-03-14	**PROJECTION:** NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	**DWG:** RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL	**SHEET:** 82

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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG

Sec-7 Sec-18 Sec-20 Sec-28 Sec-33 Sec-4 Sec-12 Sec-29 Sec-19 Sec-32 Sec-13 Sec-30 Sec-5 Sec-24 Sec-31 Sec-8 Sec-6 Sec-14 Sec-25 Sec-23 Sec-36 Sec-1 Sec-26 Sec-7

TOLOVANA RIVER WATERSHED

RAMPARTS-YUKON RIVER WATERSHED

ERICKSON CREEK

T009N R006W FM

T008N R006W FM

T009N R007W FM

T008N R007W FM

YUKON-KOYUKUK CENSUS AREA

SHEET 82 SHEET 83 SHEET 83 SHEET 84

TAPS

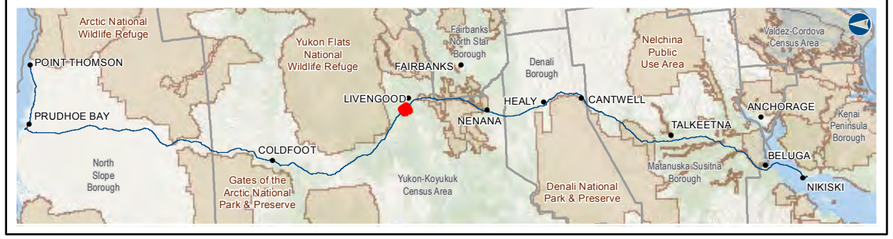
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DISPOSAL SITE WD-074

AR-GA-MS-MLBV-PSY-I-393.99

AR-GA-MS-MLBV-PSY-I-393.99

Dalton Highway



Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

EXISTING FEATURES
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

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DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL		***SHEET:***	83

DISCLAIMER

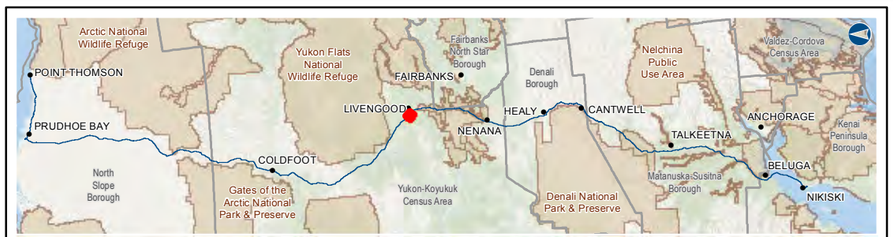
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HYDROLOGY - MAINLINE REV C2 ROUTE

ALASKA LNG





Alaska LNG Project

Legend

PIPELINE
- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

EXISTING FEATURES
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Watershed Boundary
- Section
- Township

ALASKA LNG PROJECT
Hydrology
Mainline Rev C2 Route

CENSUS AREA:	YUKON-KOYUKUK	***DRAWN BY:***	AGDC
STATE:	ALASKA	***CHECKED BY:***	

REV. NO.:	***REVISION***	***DATE***
A	ISSUED FOR REVIEW	2017-03-14

PRELIMINARY

1:24,000 (0, ¼, ½ Miles)

DATE: 2017-03-14	***PROJECTION:***	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	
DWG: RR2_APPENDIX_D1_MAINLINE_TOPO_REV_C2_CL			***SHEET:*** 84

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