

ALASKA LNG PROJECT	DOCKET NO. CP17-____-000 RESOURCE REPORT NO. 8 APPENDIX C PART 8 OF 9	DOC NO: USAKE-PT-SRREG-00- 000006-000 APRIL 14, 2017 REVISION: 0
	PUBLIC	

Part 8 of 9 of Appendix C of Resource Report No. 8

Alaska LNG Project

*Contaminated Sites
Mainline Rev C2 Route
Off ROW Facilities &
Access Roads*

Resource Report 8, Appendix C3 Topographical Mapping

Note:

ADEC Division of Environmental Health performs source water assessments funded by the Environmental Protection Agency (EPA) under the Source Water Assessment and Protection (SWAP) program (ADEC, 2015a). Source water assessments determine the susceptibility of a drinking water system, including groundwater wells, to contamination (Miller, 2009). Source water assessments also determine where drinking water originates. To determine the origination area, groundwater movement within two timeframes is evaluated (although additional timeframes are possible). The first timeframe is several months, "Zone A." The second timeframe is two years, "Zone B." For groundwater, this creates two areas around a wellhead showing the distance groundwater can move within the timeframe. These areas are usually generalized as a representative polygon.

ADEC. 2015a. Overview of Drinking Water Protection in Alaska. Available online at: http://dec.alaska.gov/eh/dw/DWP/DWP_Overview.html. Accessed August 2015.

Miller, Chris. 2009. September 22-23. Ground Water Rule Assessment Source Monitoring. Ground Water Rule Workshop.

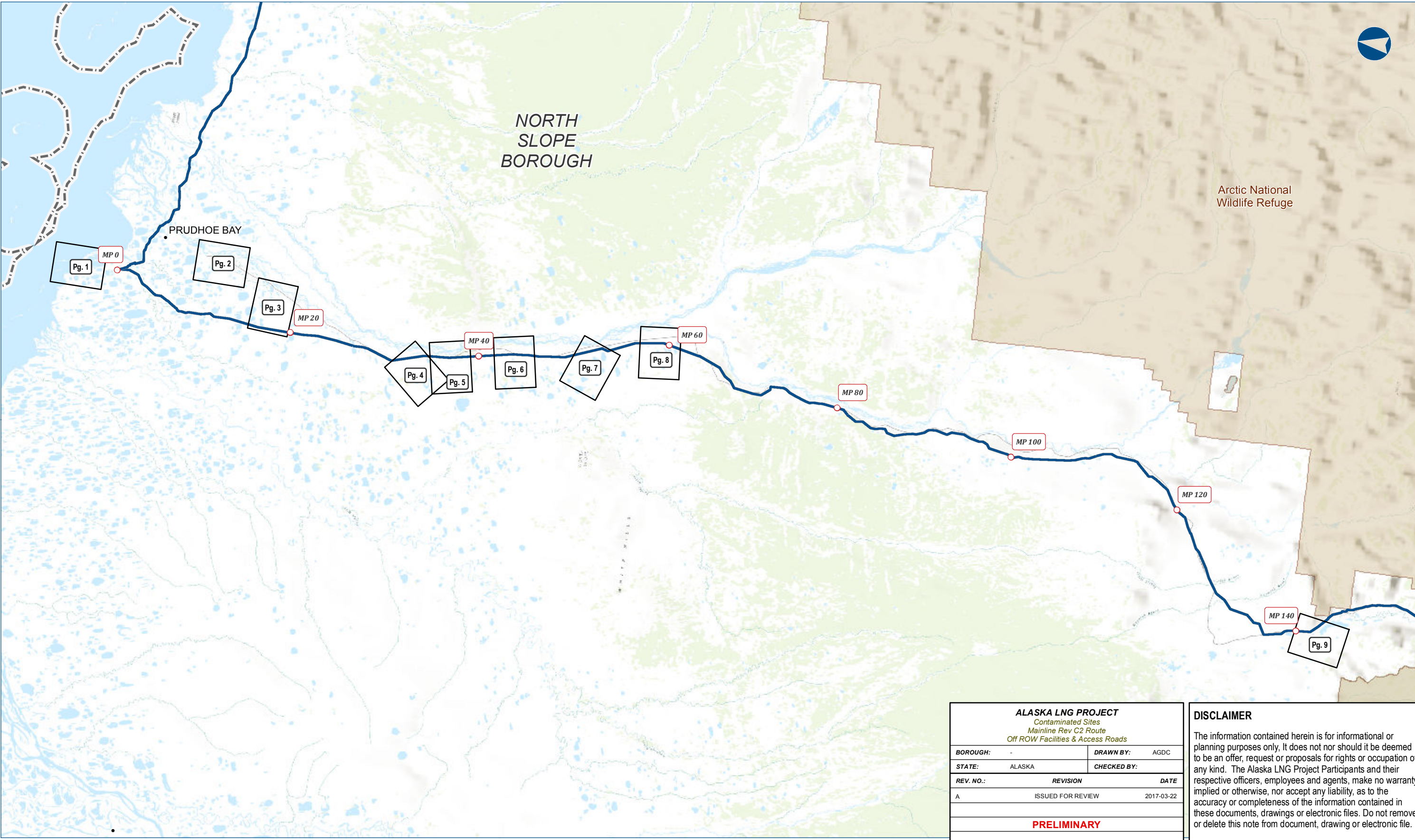


ALASKA LNG PROJECT Contaminated Sites Mainline Rev C2 Route Off ROW Facilities & Access Roads		
BOROUGH: -	DRAWN BY: AGDC	
STATE: ALASKA	CHECKED BY:	
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:10,000,000	0 100 200 Miles	
DATE: 2017-03-22	PROJECTION: NAD 1983 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RRB_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL_COVER

DISCLAIMER

The information contained herein is for informational or planning purposes only, It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

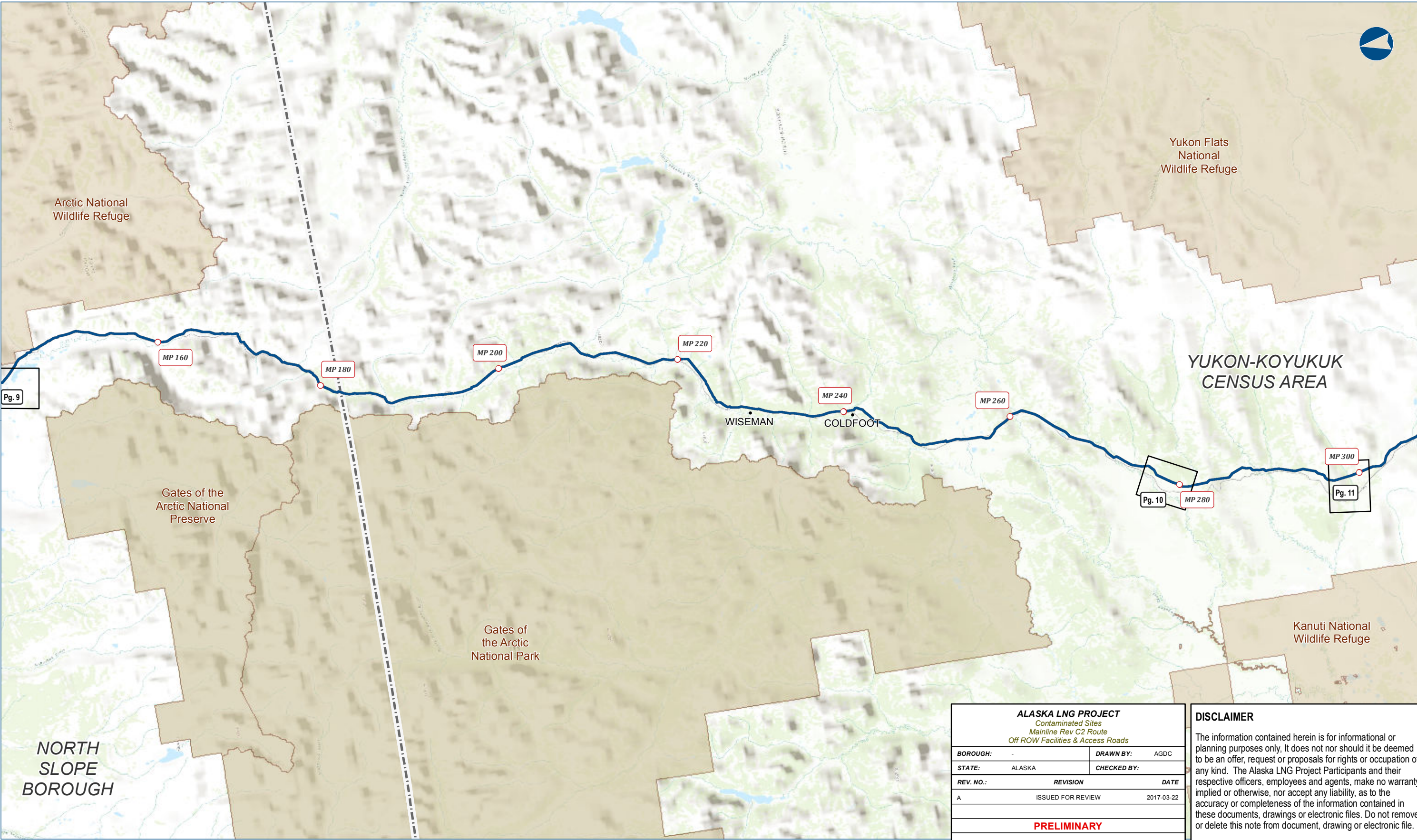
SHEET: COVER PAGE



ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-22	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RRB_APPENDIX_C_3_4_ML_OFF_ROW_INDEX_REV_C2_CL

DISCLAIMER

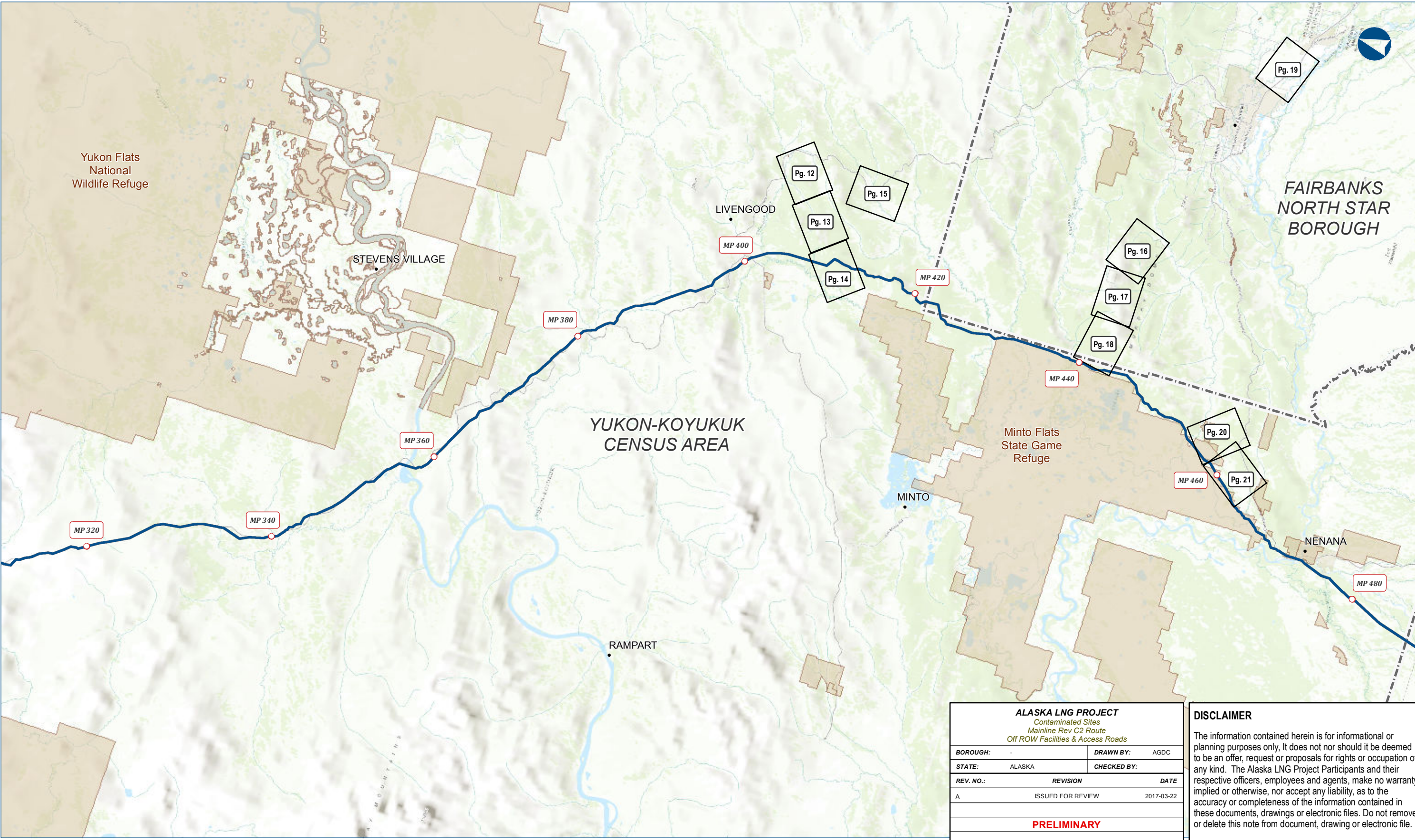
The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.



ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-22	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RRB_APPENDIX_C_3_4_ML_OFF_ROW_INDEX_REV_C2_CL SHEET: ML-OFF-INDEX

DISCLAIMER

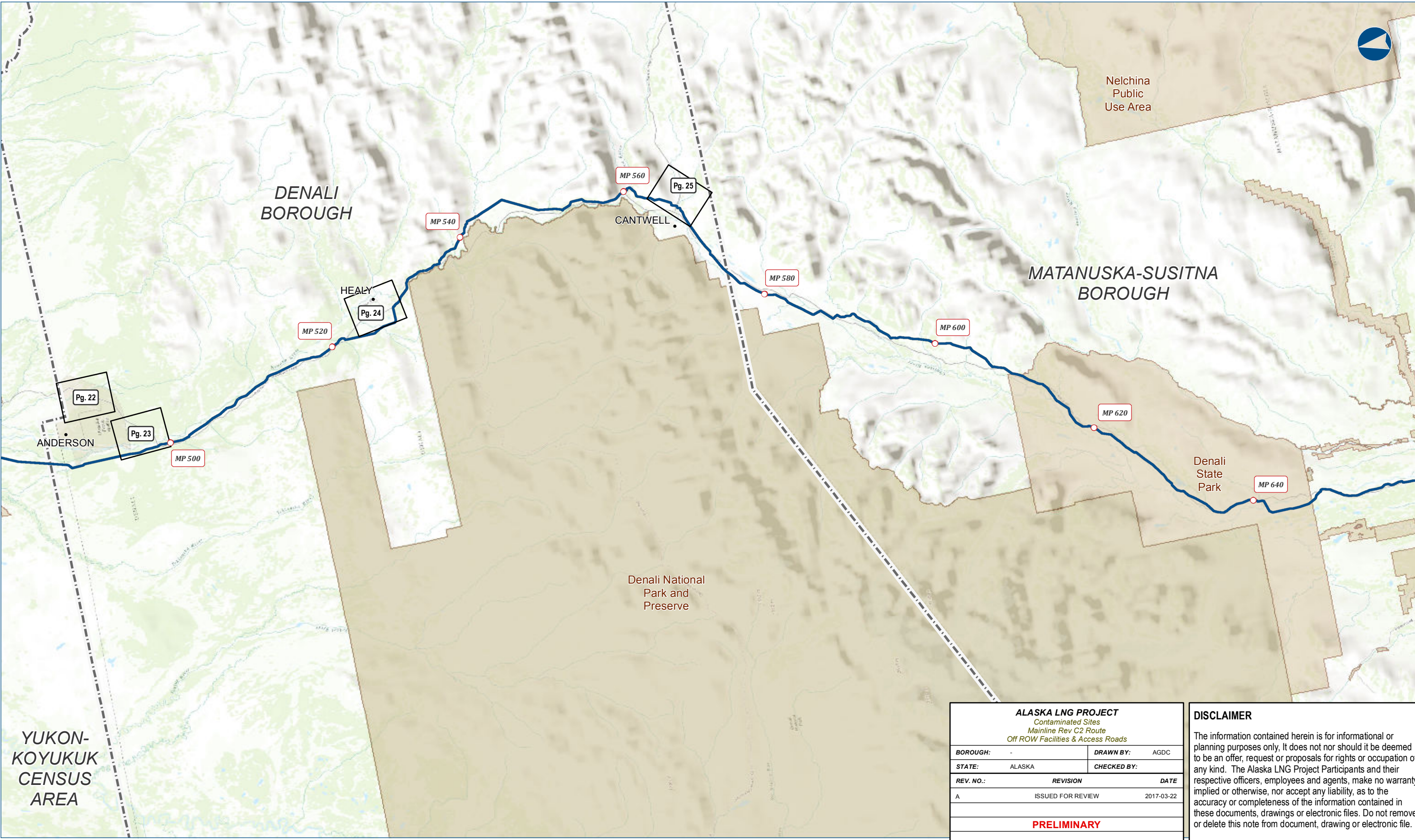
The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.



ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-22	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

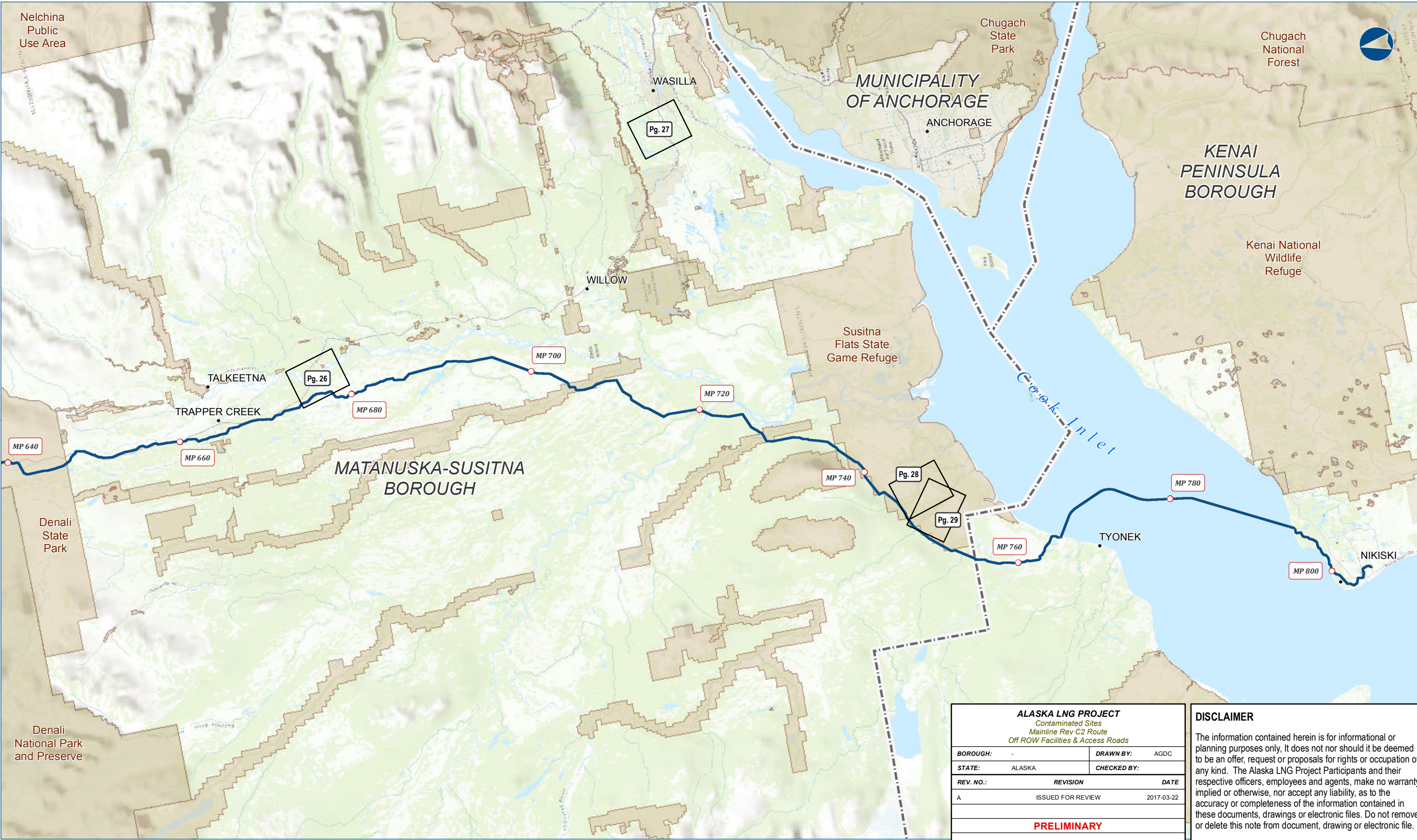


YUKON-KOYUKUK CENSUS AREA

ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-22	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RRB_APPENDIX_C_3_4_ML_OFF_ROW_INDEX_REV_C2_CL SHEET: ML-OFF-INDEX

DISCLAIMER

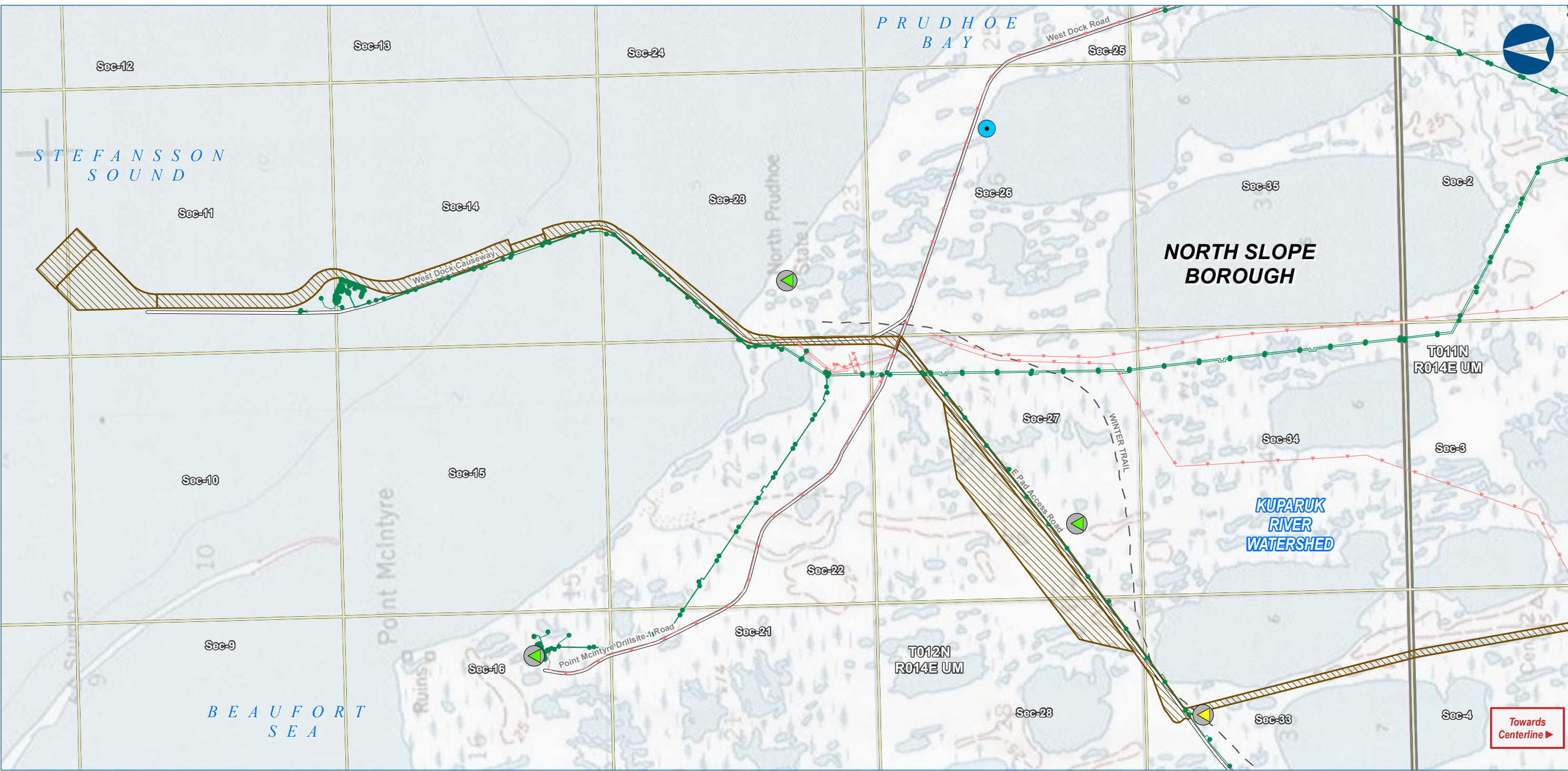
The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.



ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-22	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RRB_APPENDIX_C_3_4_ML_OFF_ROW_INDEX_REV_C2_CL

DISCLAIMER

The information contained herein is for informational or planning purposes only, It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.



Alaska LNG Project

- Legend**

 - GTP
 - GTP Footprint - Construction
 - PIPELINE
 - Alaska LNG Rev C2 Route
- EXISTING FEATURES**

 - Existing Roads
 - Off Road Trails
 - Existing Pipeline
 - Overhead Powerline
- ADEC Contaminated Sites**

 - Cleanup Complete
 - Cleanup Complete - Institutional Controls
- Section**

 - Section
- Township**

 - Surface Water Rights

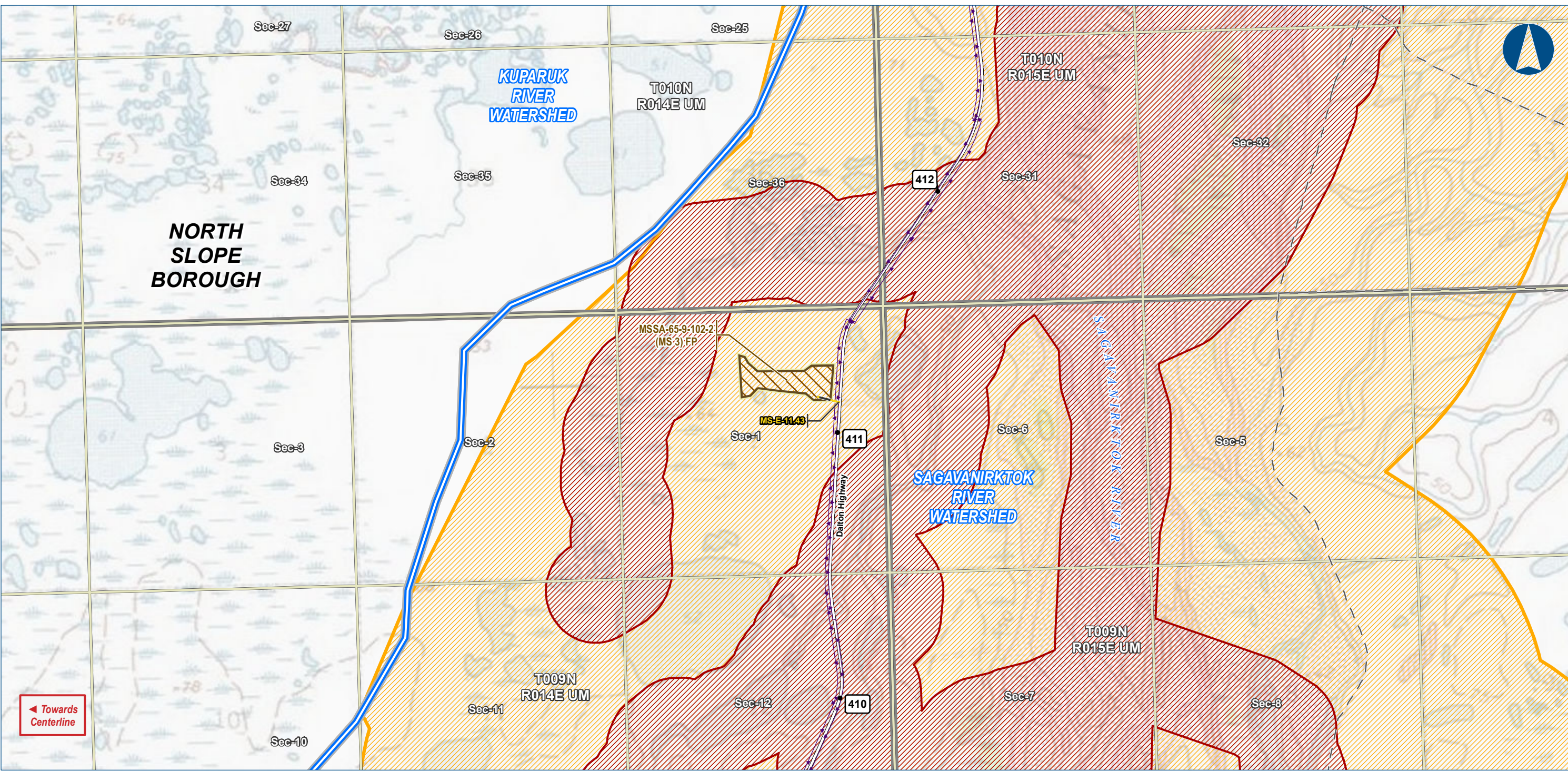
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 1



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)
- Existing Roads
- Off Road Trails
- Buried Cable
- Watershed Boundary

Section

- Section

Township

- Drinking Water - Zone A
- Drinking Water - Zone B

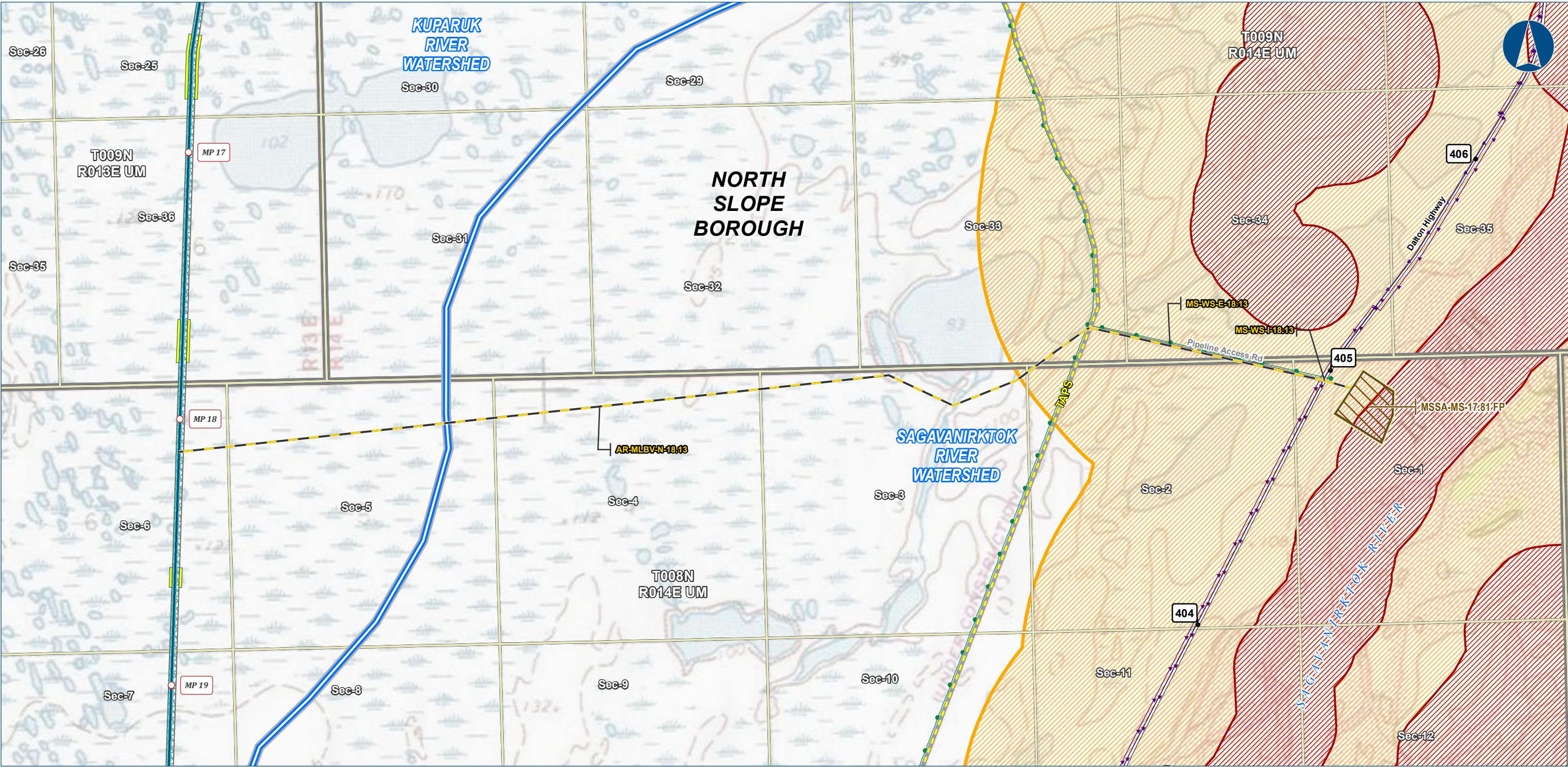
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 2



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary

Section

- Section

Township

- Township
- Drinking Water - Zone A
- Drinking Water - Zone B

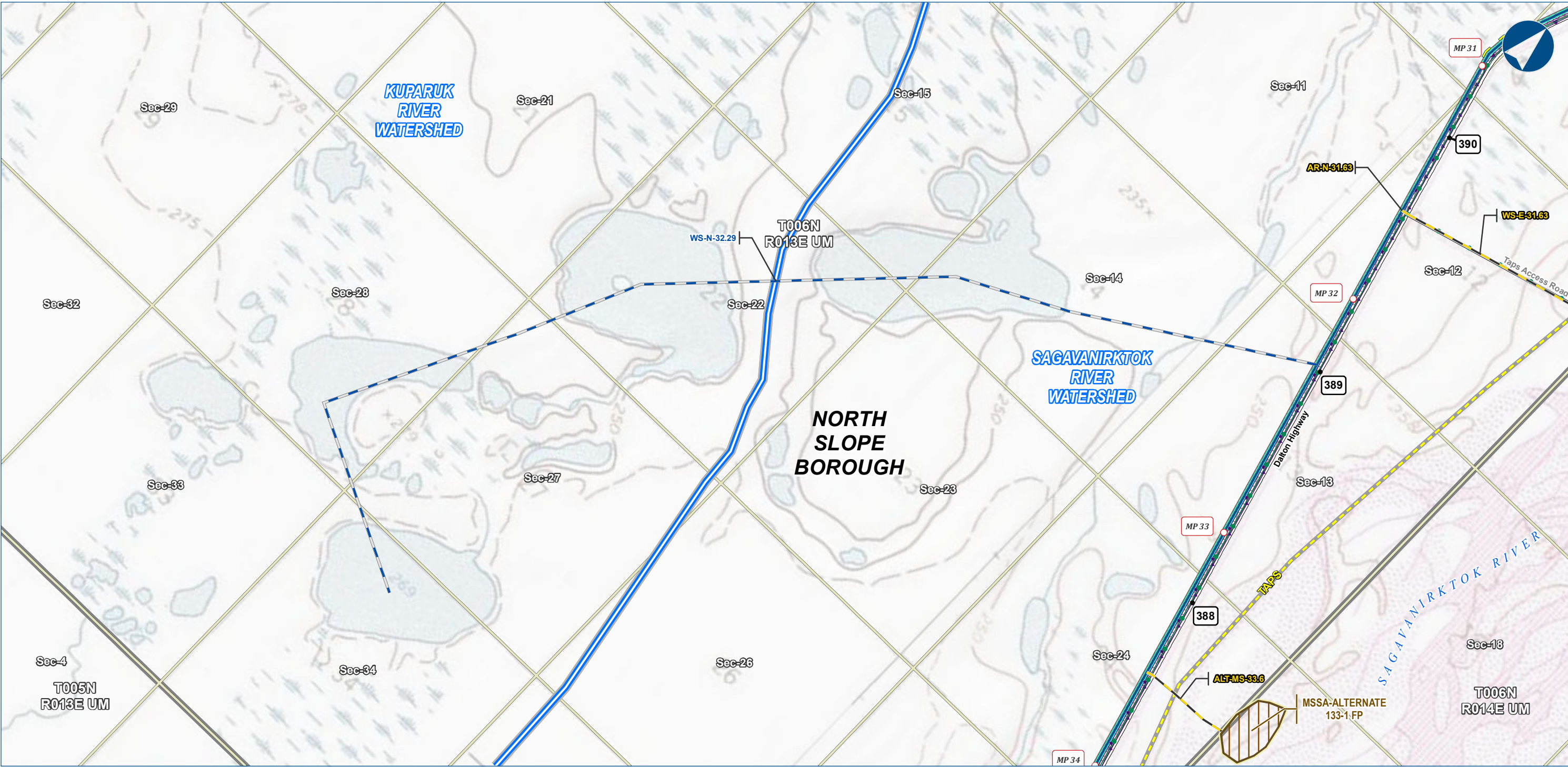
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 3



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary

Section

Township

Material Site Study Area (MSSA)

Permanent ROW

Construction ROW

ATWS

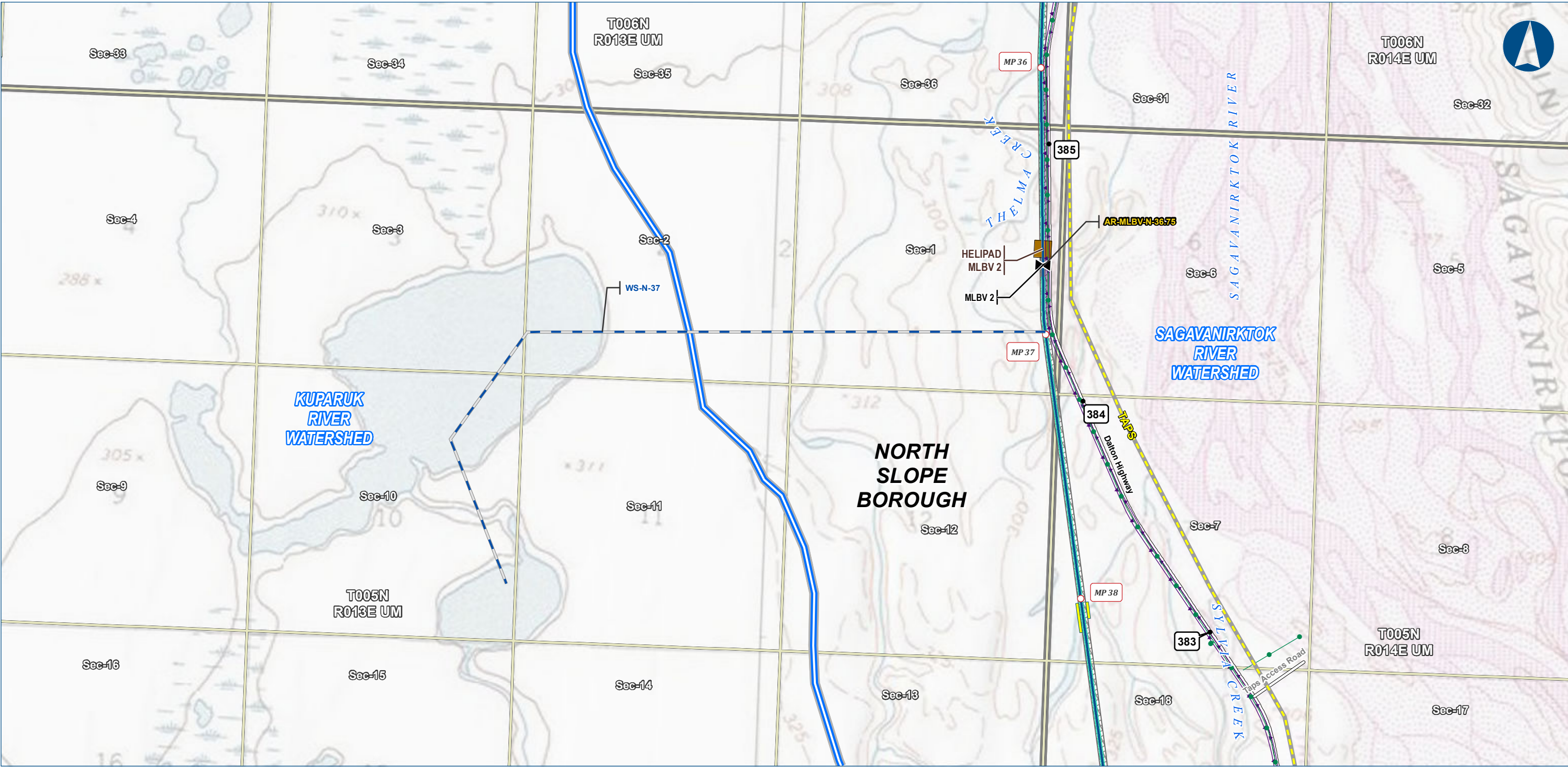
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 4



Alaska LNG Project

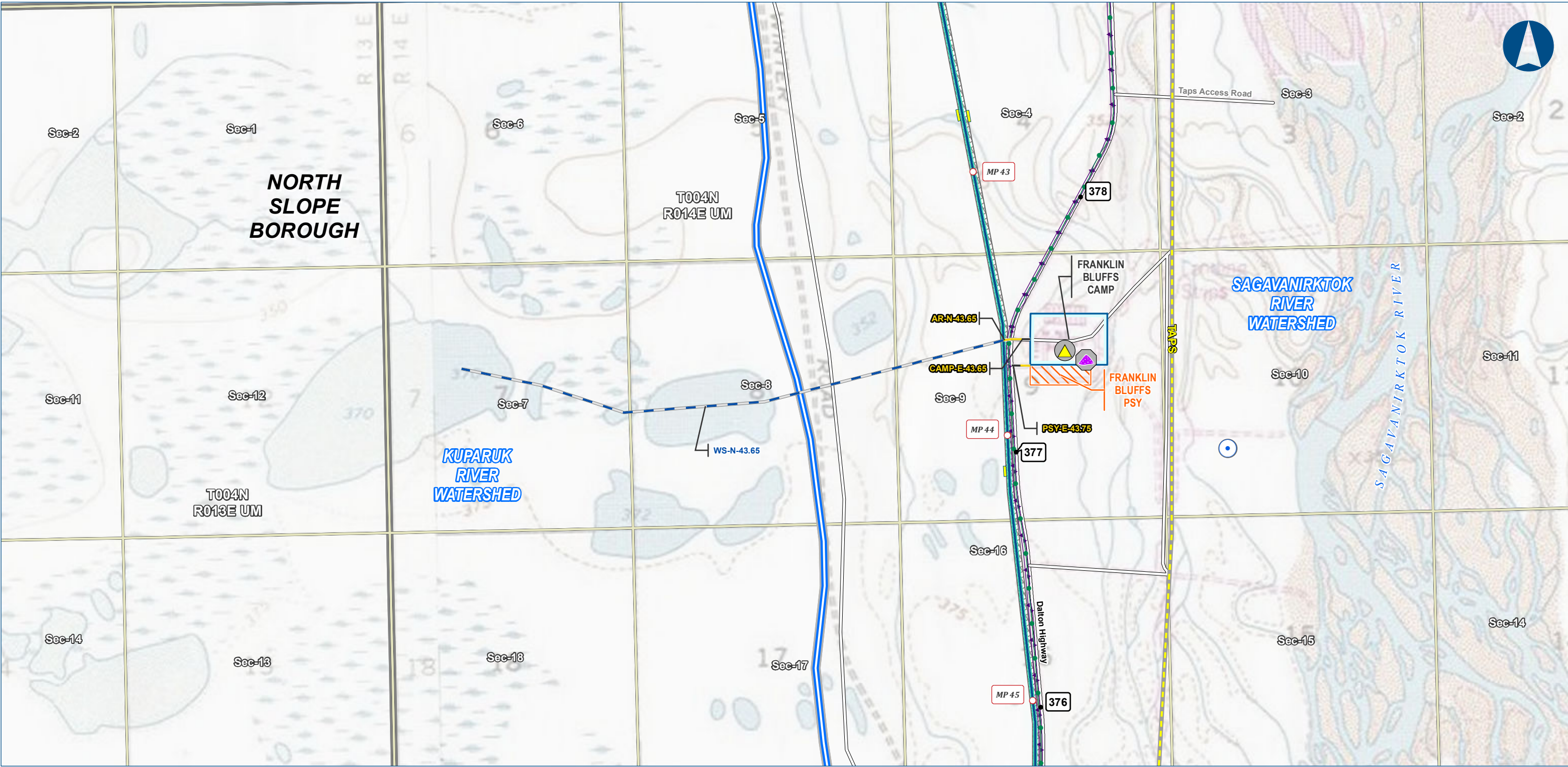
- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
 - Access Road - Gravel
 - Access Road - Ice
 - Mainline Blockvalve
 - Helipad
- EXISTING FEATURES**
- Existing Roads
 - TAPS
 - Existing Pipeline
 - Buried Cable
 - Watershed Boundary
- Section**
- Section
 - Township
- Other Features**
- Permanent ROW
 - Construction ROW
 - ATWS

ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL SHEET: 5



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary

Section

- ADEC Contaminated Sites
- Cleanup Complete - Institutional Controls

Township

- ADEC Solid Waste Sites
- Retired
- Subsurface Water Rights

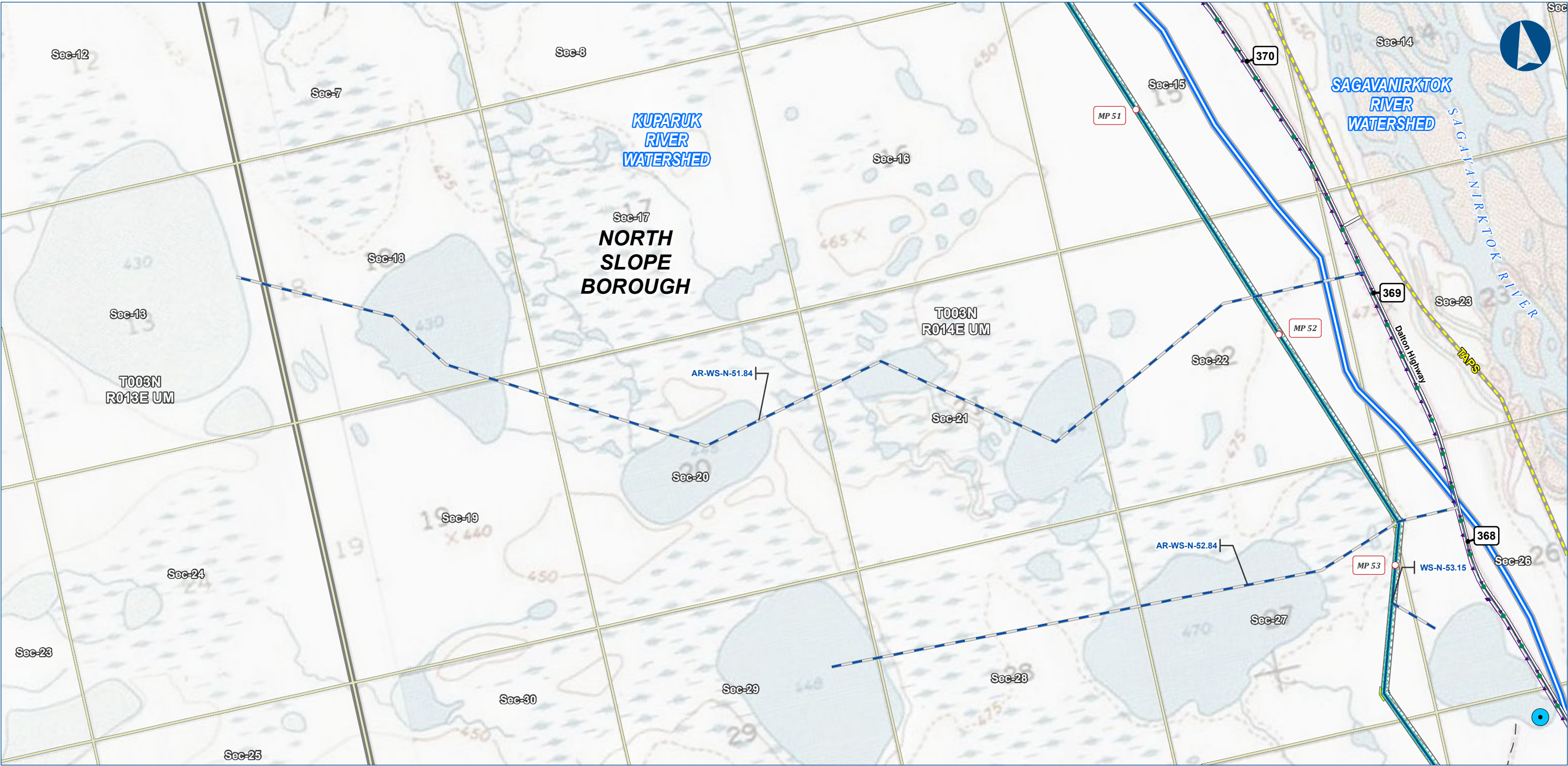
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 6



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Ice

EXISTING FEATURES

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary

Section

- Section

Township

- Township

Surface Water Rights

- Surface Water Rights

Other Features

- Permanent ROW
- Construction ROW
- ATWS

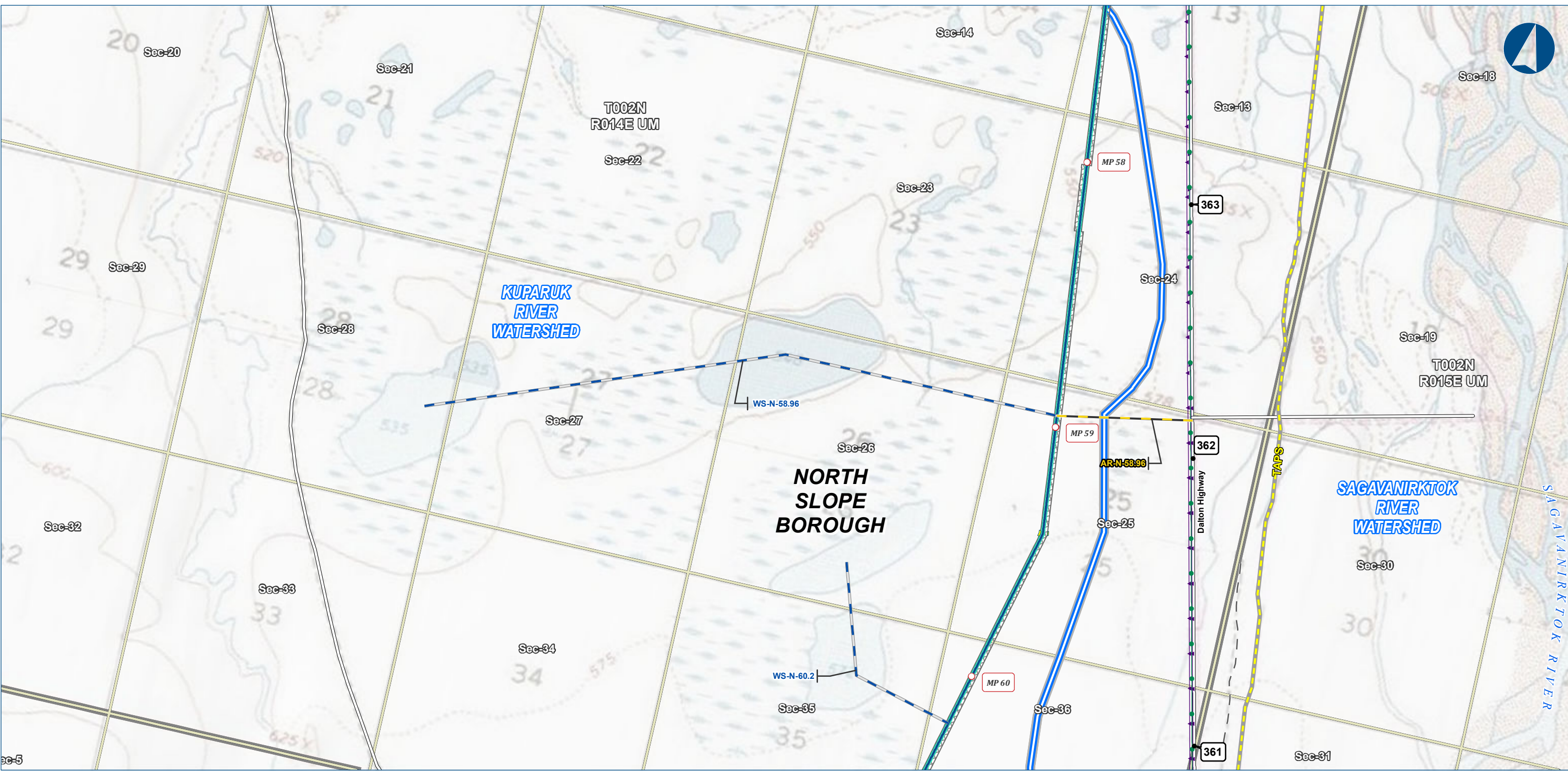
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY:
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE:	2017-03-23	PROJECTION:
NAD83 NSRS2007 ALASKAZONE4 FTUS 54392		

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 7



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Watershed Boundary

Section

Township

Other

- Permanent ROW
- Construction ROW
- ATWS

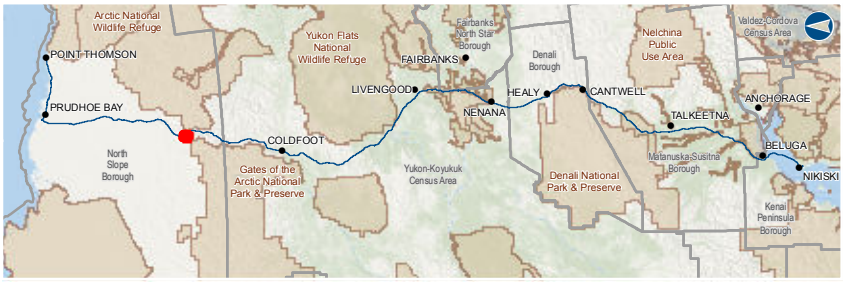
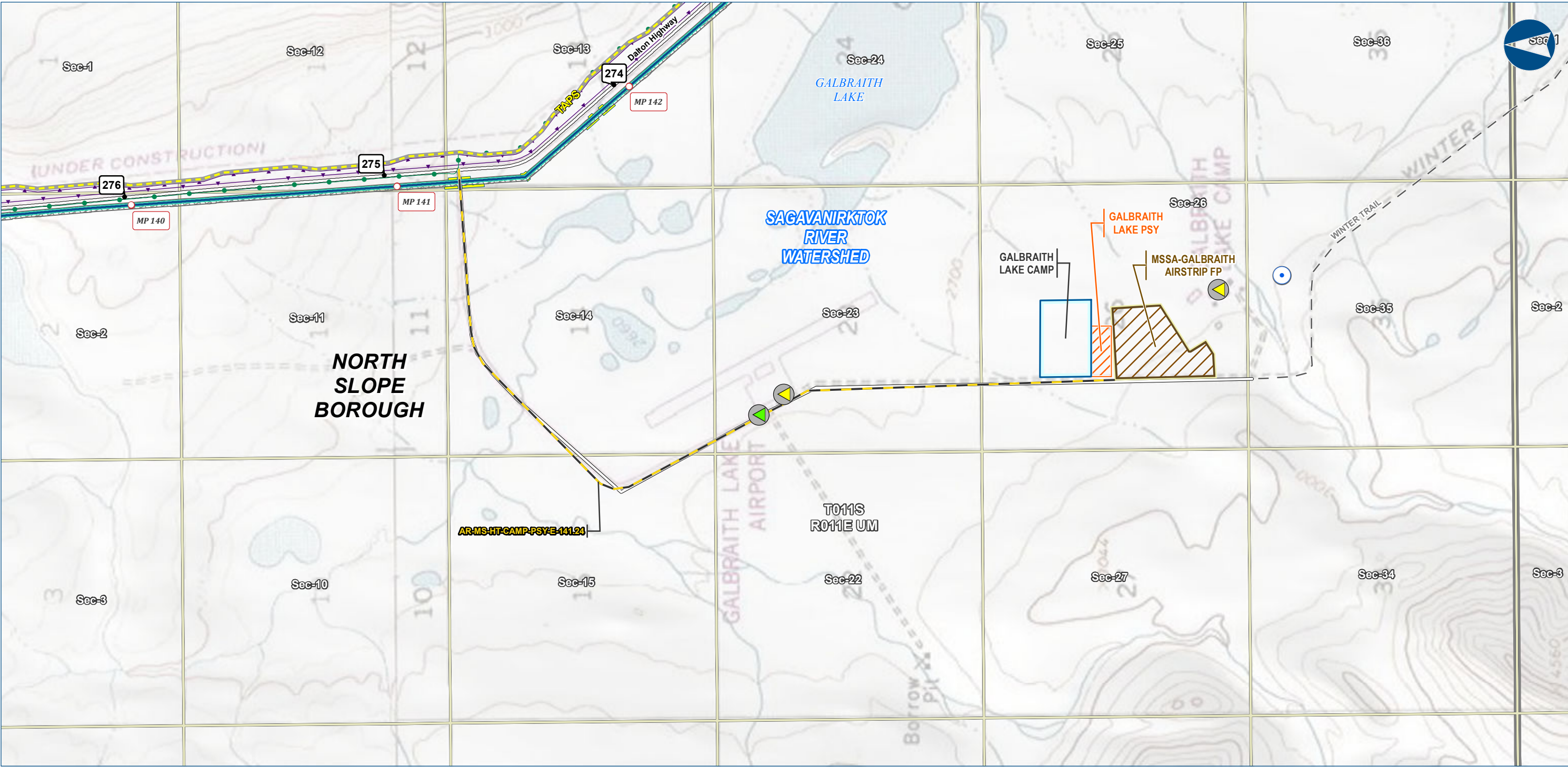
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 8



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable

ADEC Contaminated Sites

- Cleanup Complete
- Cleanup Complete - Institutional Controls

Section

- Section

Township

- Township
- Subsurface Water Rights

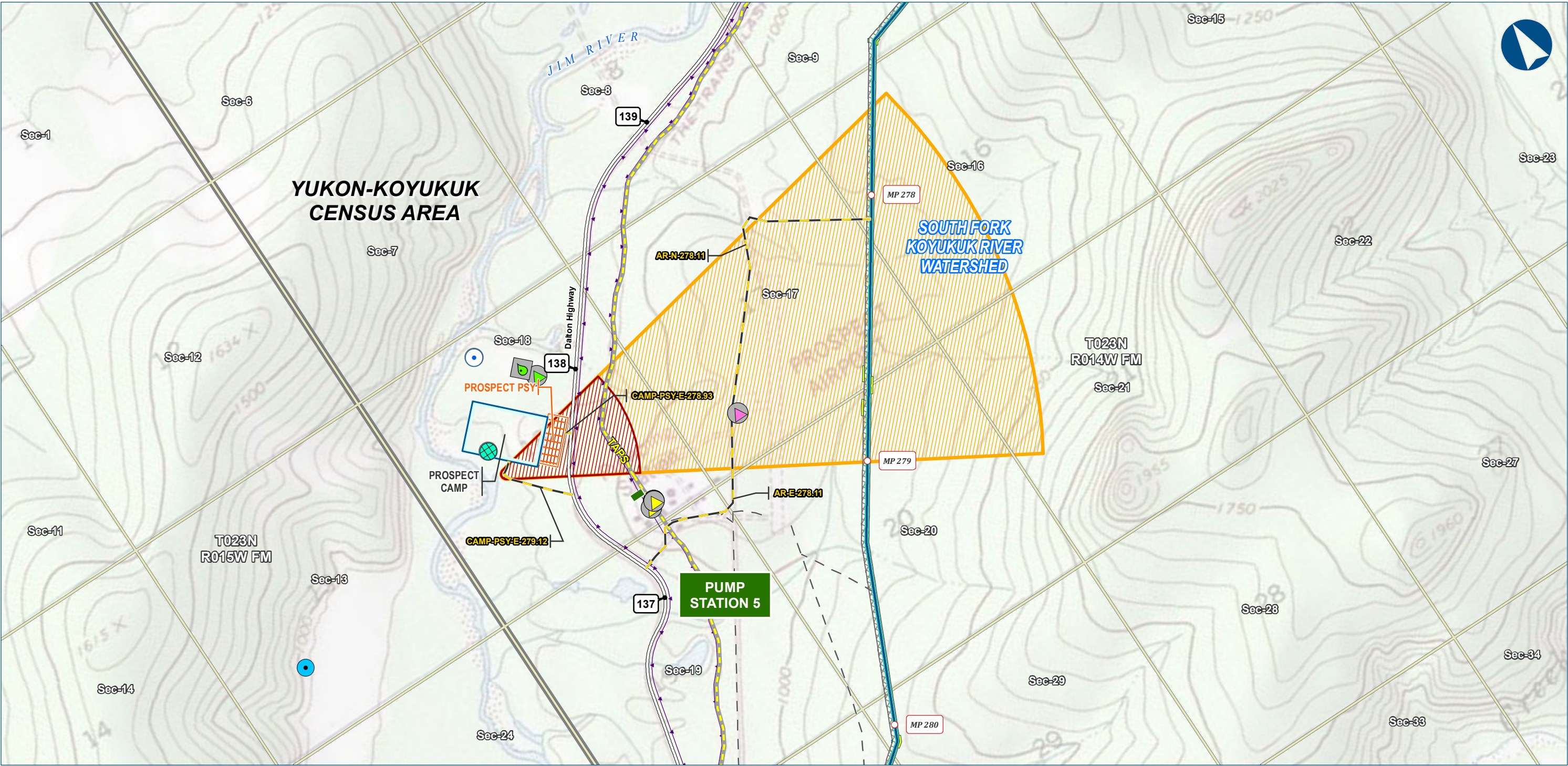
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 9



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Alaska DOT Place Names

ADEC Leaking UG Storage Tanks

- Cleanup Complete
- Cleanup Complete - Institutional Controls
- Open

ADEC Contaminated Sites

- Cleanup Complete
- Cleanup Complete - Institutional Controls
- Open

Section

- Section

Township

- Township

Water Well Location (WELTS)

- Water Well Location (WELTS)
- Surface Water Rights
- Subsurface Water Rights

Drinking Water - Zone A

- Drinking Water - Zone A
- Drinking Water - Zone B

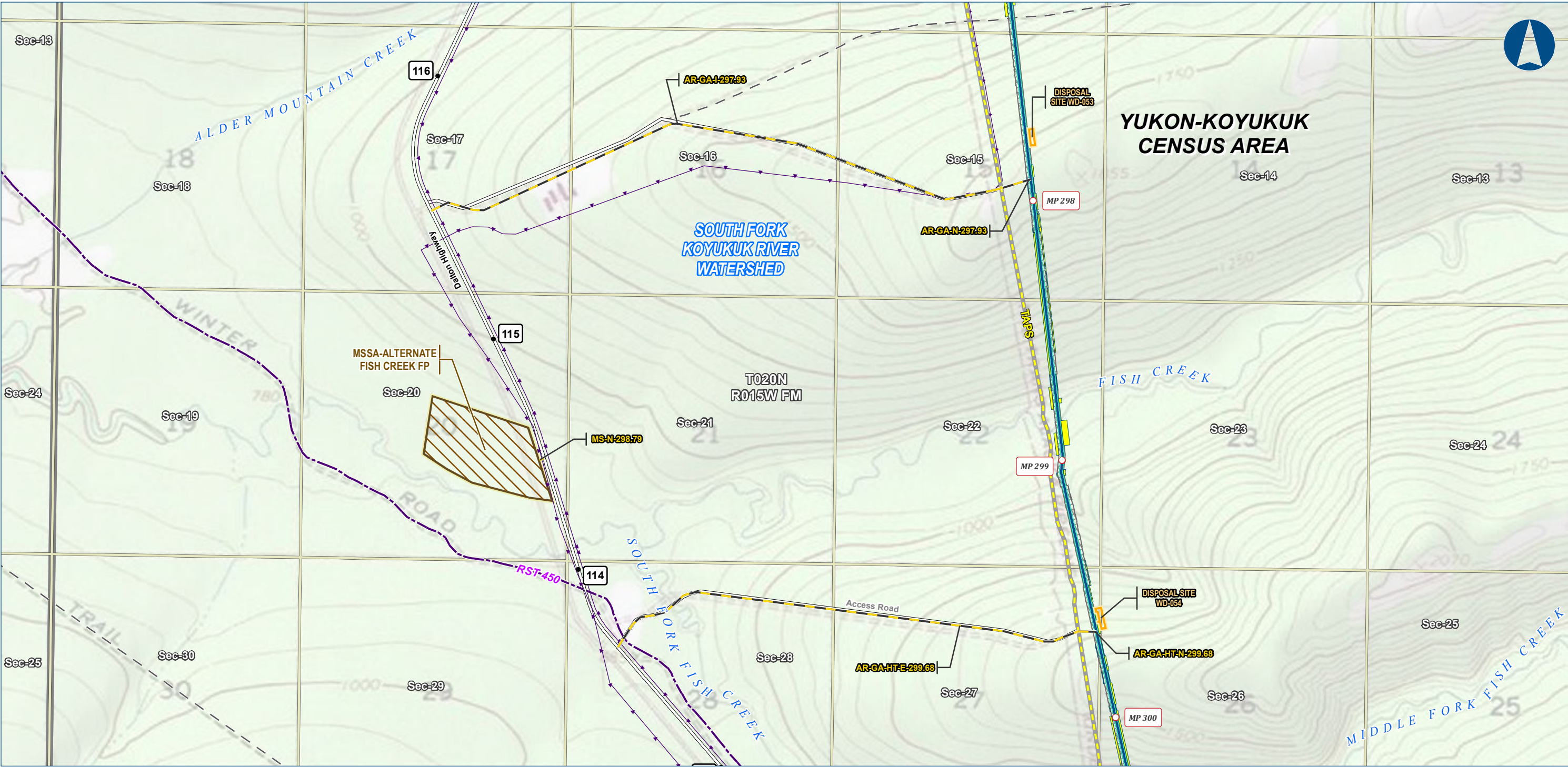
ALASKA LNG PROJECT Contaminated Sites Mainline Rev C2 Route Off ROW Facilities & Access Roads		
CENSUS AREA: YUKON-KOYUKUK	DRAWN BY: AGDC	
STATE: ALASKA	CHECKED BY:	
REV. NO.	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 10



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable

Section

- Section
- Township

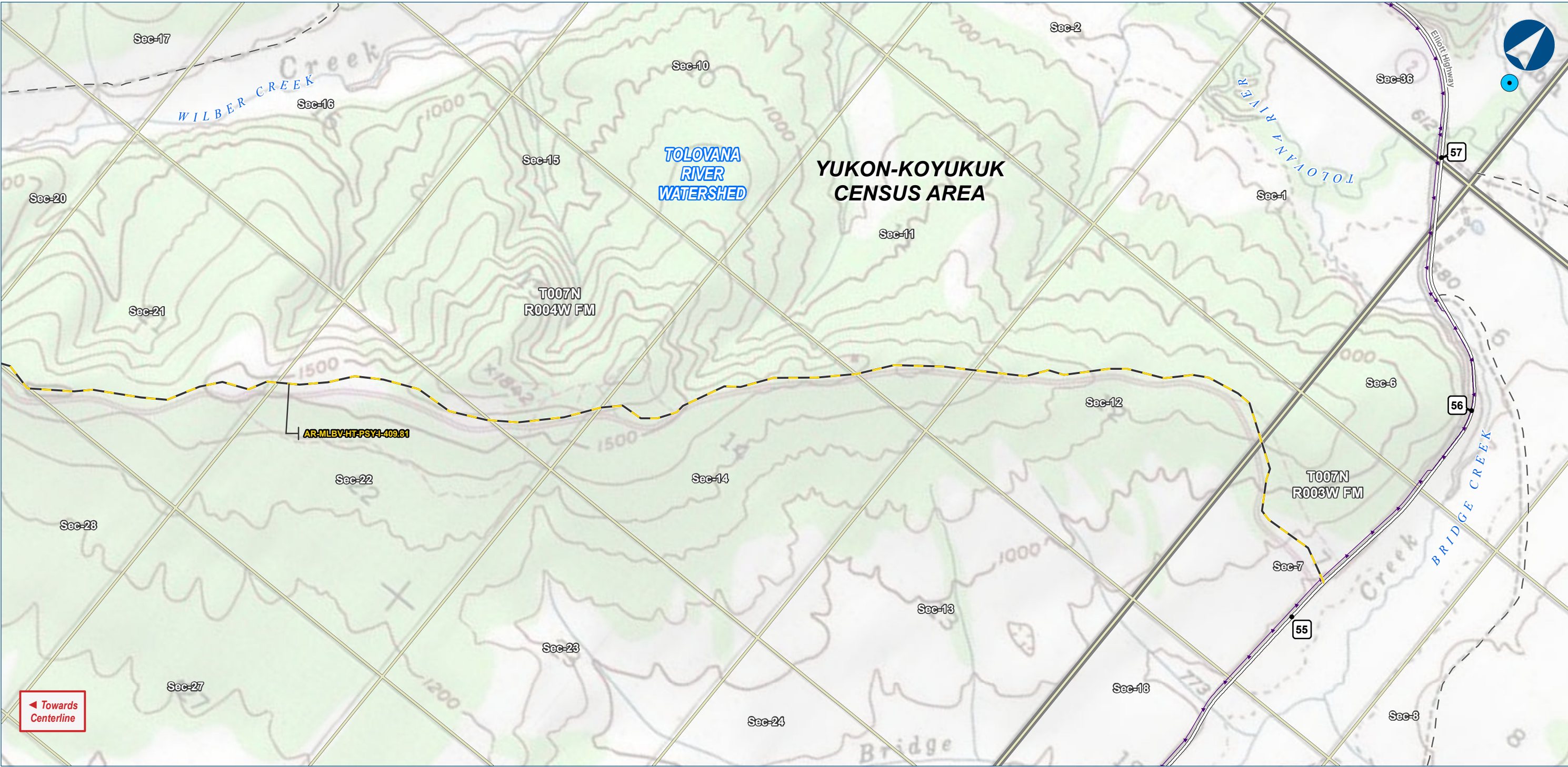
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 11



Alaska LNG Project

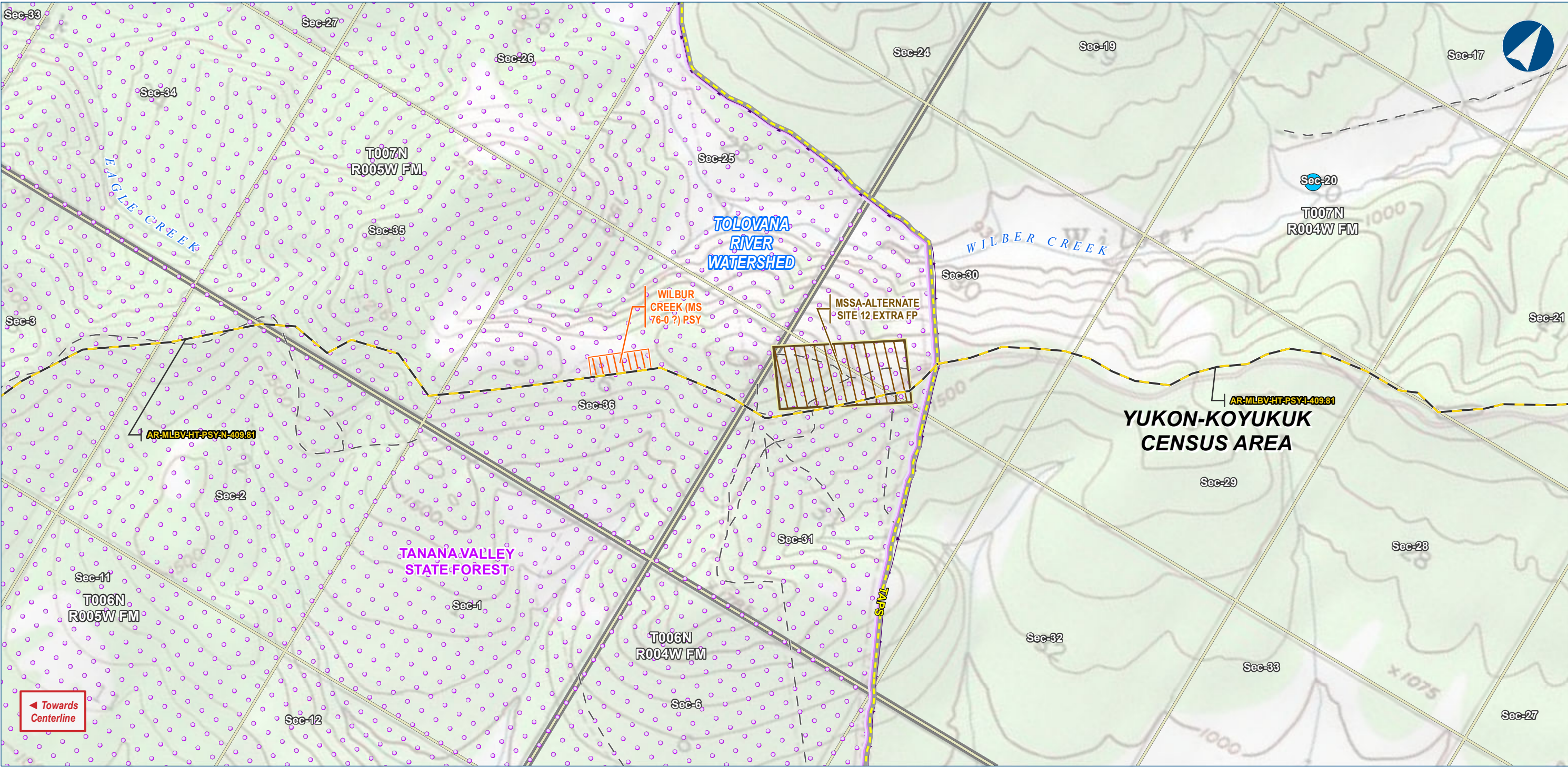
- Legend**
- PIPELINE**
 - Alaska LNG Rev C2 Route
 - Access Road - Gravel
 - EXISTING FEATURES**
 - Permanent ROW
 - Construction ROW
 - ATWS
 - Existing Roads
 - Off Road Trails
 - Buried Cable
 - Section**
 - Township**
 - Surface Water Rights**

ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000	0	1/4 1/2 Miles
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL SHEET: 12



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)
- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Conservation Lands

Section

- Section
- Township
- Surface Water Rights

ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only, It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 13



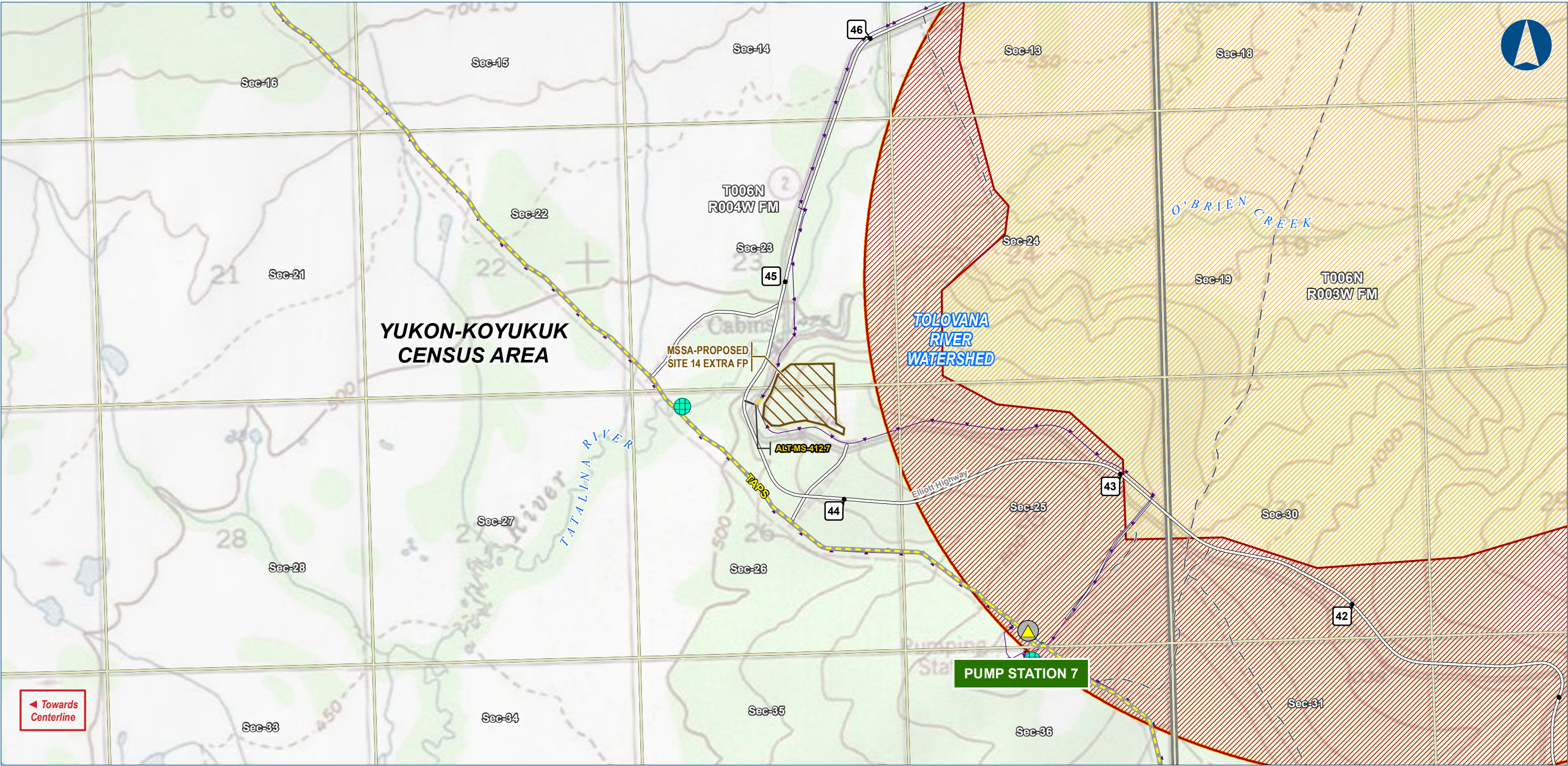
Legend

PIPELINE	 Permanent ROW	EXISTING FEATURES	 Section	 Township
 Alaska LNG Rev C2 Route	 Construction ROW	 Existing Roads		
 Access Road - Gravel	 ATWS	 Revised Statute 2477 Trail		
	 Disposal Site	 Off Road Trails		
		 Conservation Lands		

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RRS APPENDIX C3 ML OFF ROW TOPO REV C2 CL **SHEET:** 14



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Alaska DOT Place Names

Section

- ADEC Contaminated Sites
 - Cleanup Complete
 - Cleanup Complete - Institutional Controls

Township

- ADEC Solid Waste Sites
 - Retired
- Water Well Location (WELTS)
- Subsurface Water Rights
- Drinking Water - Zone A
- Drinking Water - Zone B

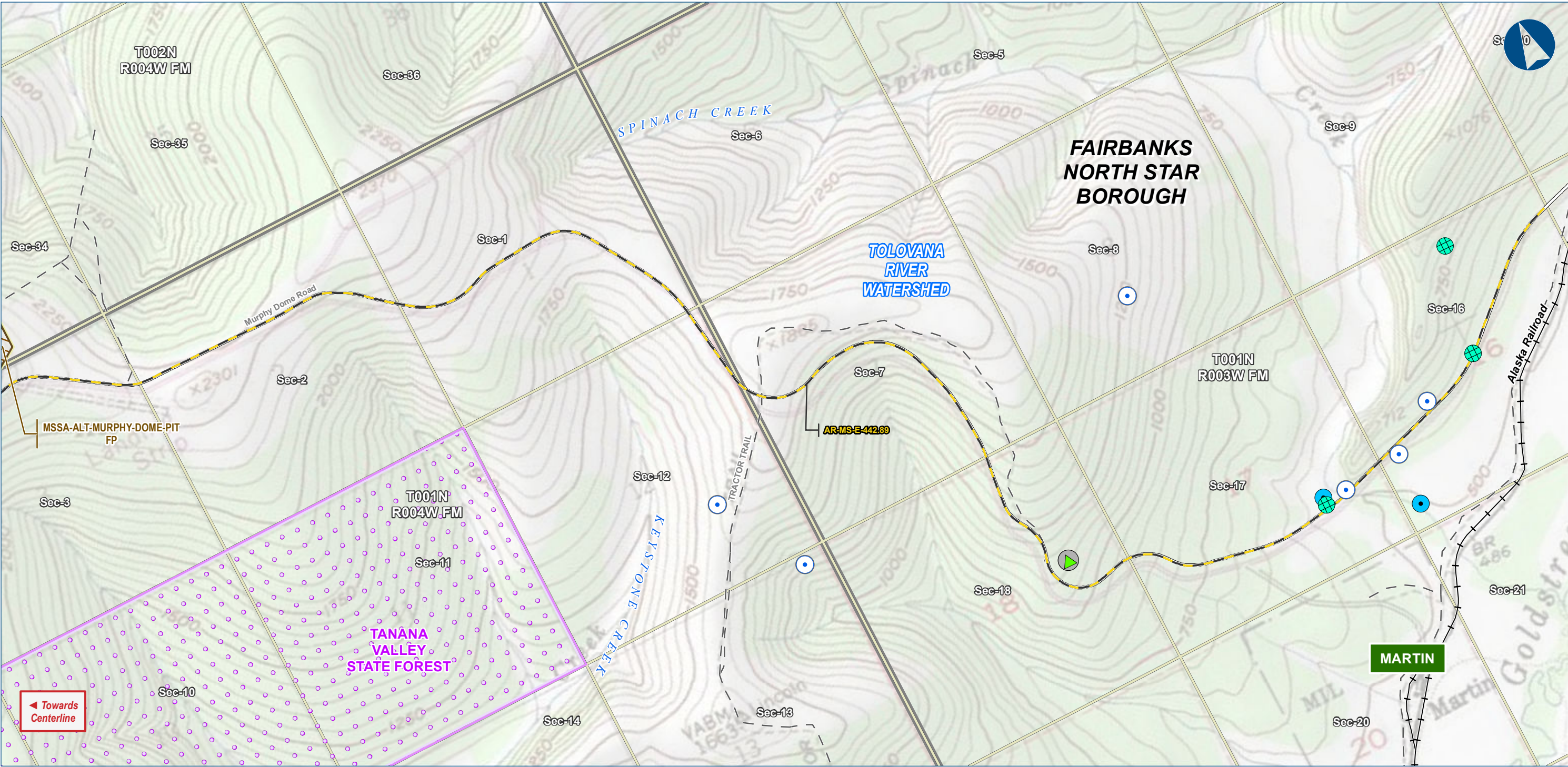
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 15



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Existing Roads
- Railroad
- Off Road Trails
- Conservation Lands
- Alaska DOT Place Names

Section

- ADEC Contaminated Sites
- Cleanup Complete

Township

- Water Well Location (WELTS)
- Surface Water Rights
- Subsurface Water Rights

Other

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

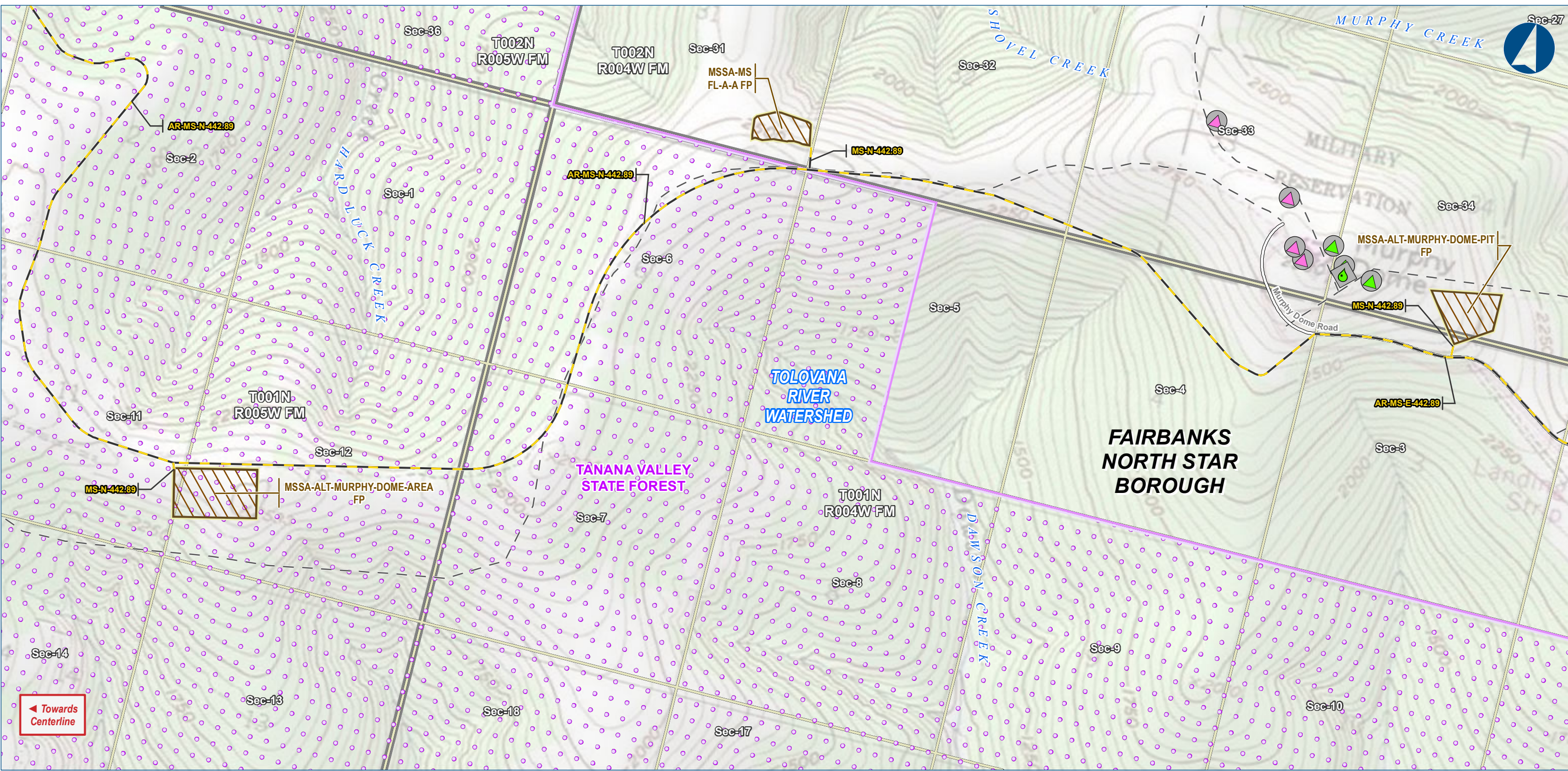
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	FAIRBANKS NORTH STAR	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 16



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)
- Existing Roads
- Off Road Trails
- Conservation Lands

ADEC Leaking UG Storage Tanks

- Cleanup Complete

ADEC Contaminated Sites

- Cleanup Complete
- Open

Section

- Section

Township

- Township

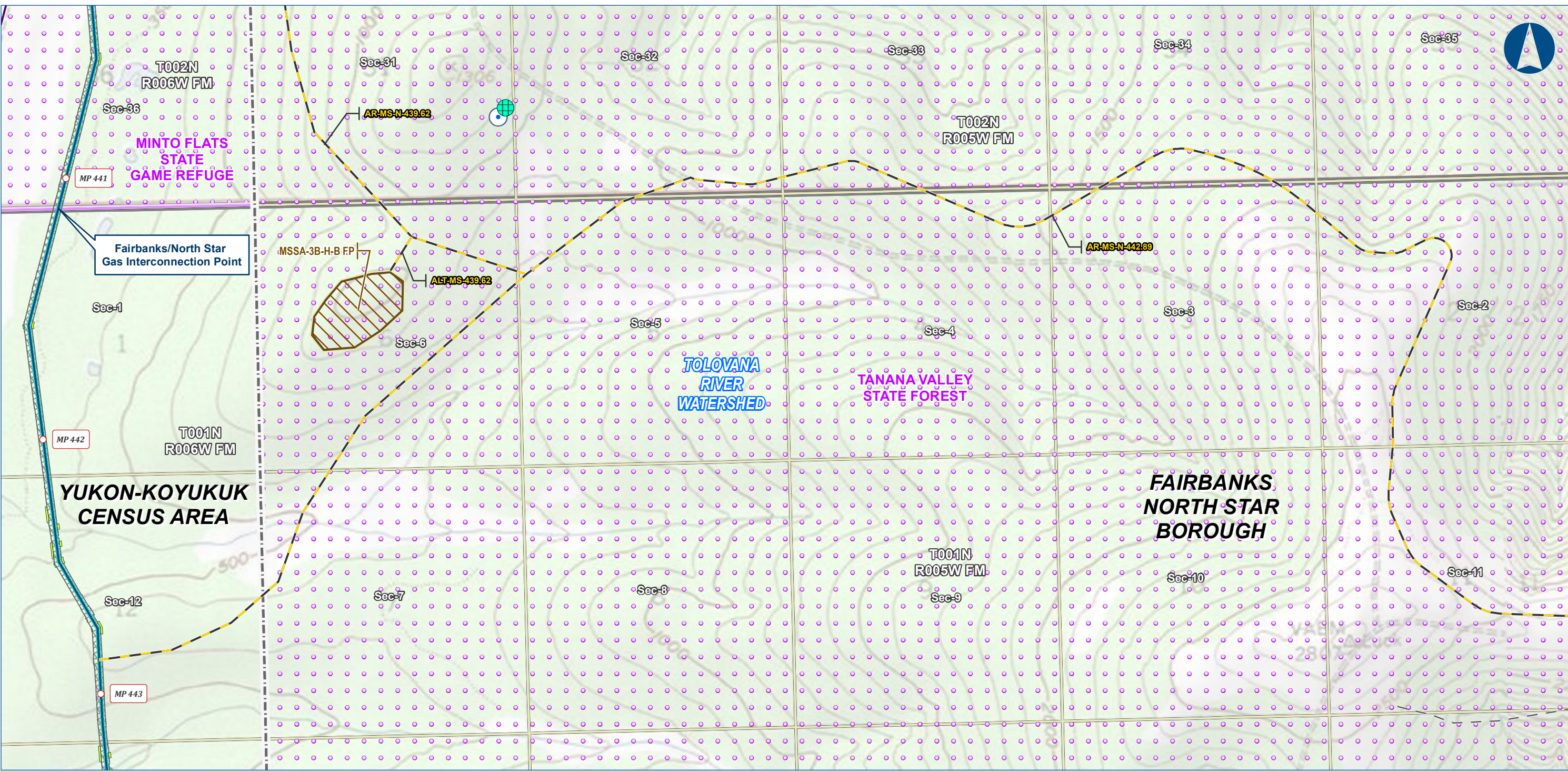
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	FAIRBANKS NORTH STAR	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 17



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- Borough / Census Area
- Conservation Lands

Section

Township

Water Well Location (WELTS)

Subsurface Water Rights

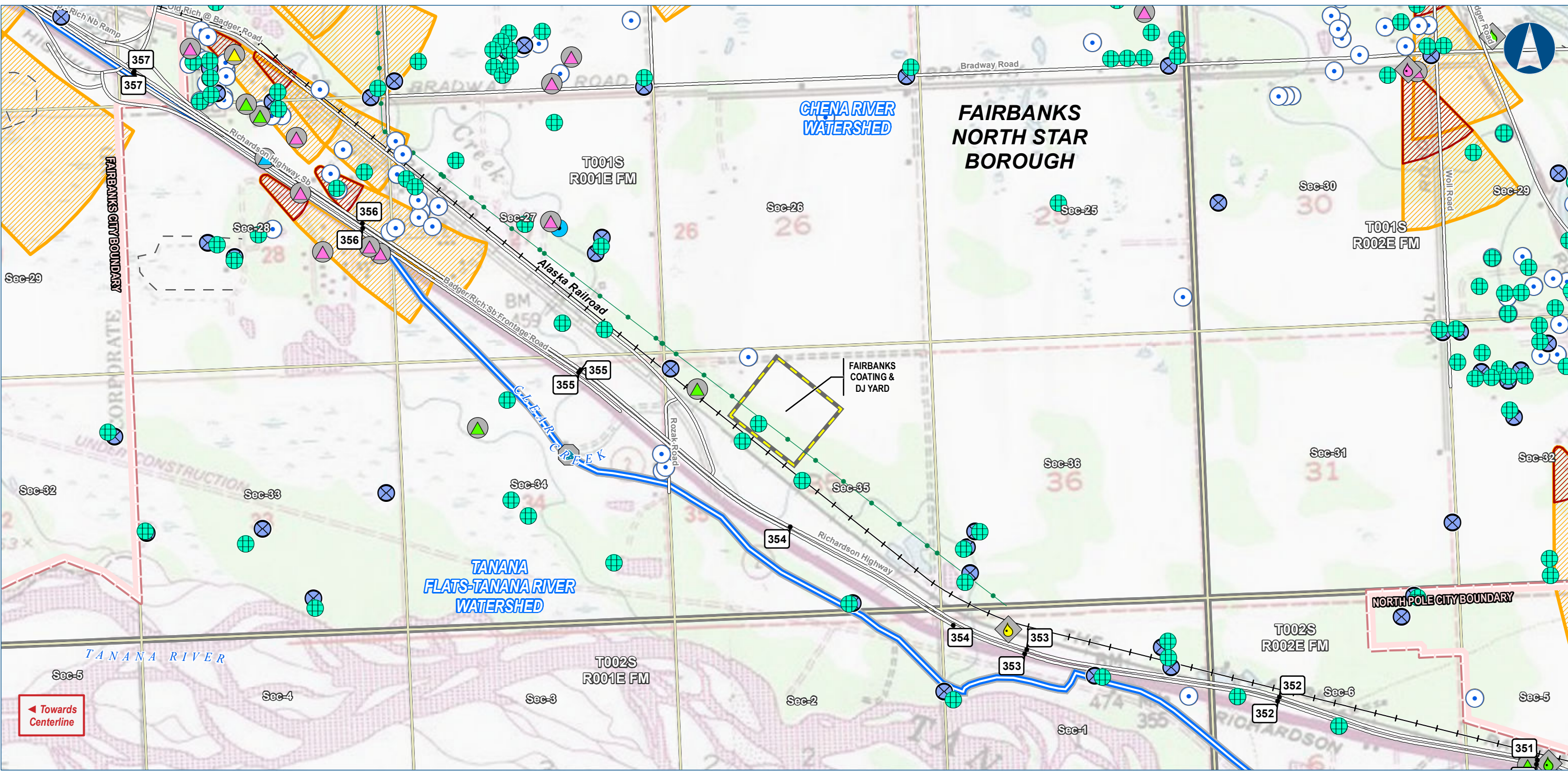
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	FAIRBANKS NORTH STAR	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 18



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route

EXISTING FEATURES

- Existing Roads
- Railroad
- Off Road Trails
- Existing Pipeline
- Watershed Boundary
- Incorporated City Boundary

ADEC Leaking UG Storage Tanks

- Cleanup Complete
- Cleanup Complete - Institutional Controls
- Open

ADEC Contaminated Sites

- Cleanup Complete
- Cleanup Complete - Institutional Controls
- Open
- Informational

Township

- ADEC Solid Waste Sites
- Never Built
- Water Well Location (WELTS)
- USGS Ground / Surface Water Location
- Surface Water Rights
- Subsurface Water Rights
- Drinking Water - Zone A
- Drinking Water - Zone B

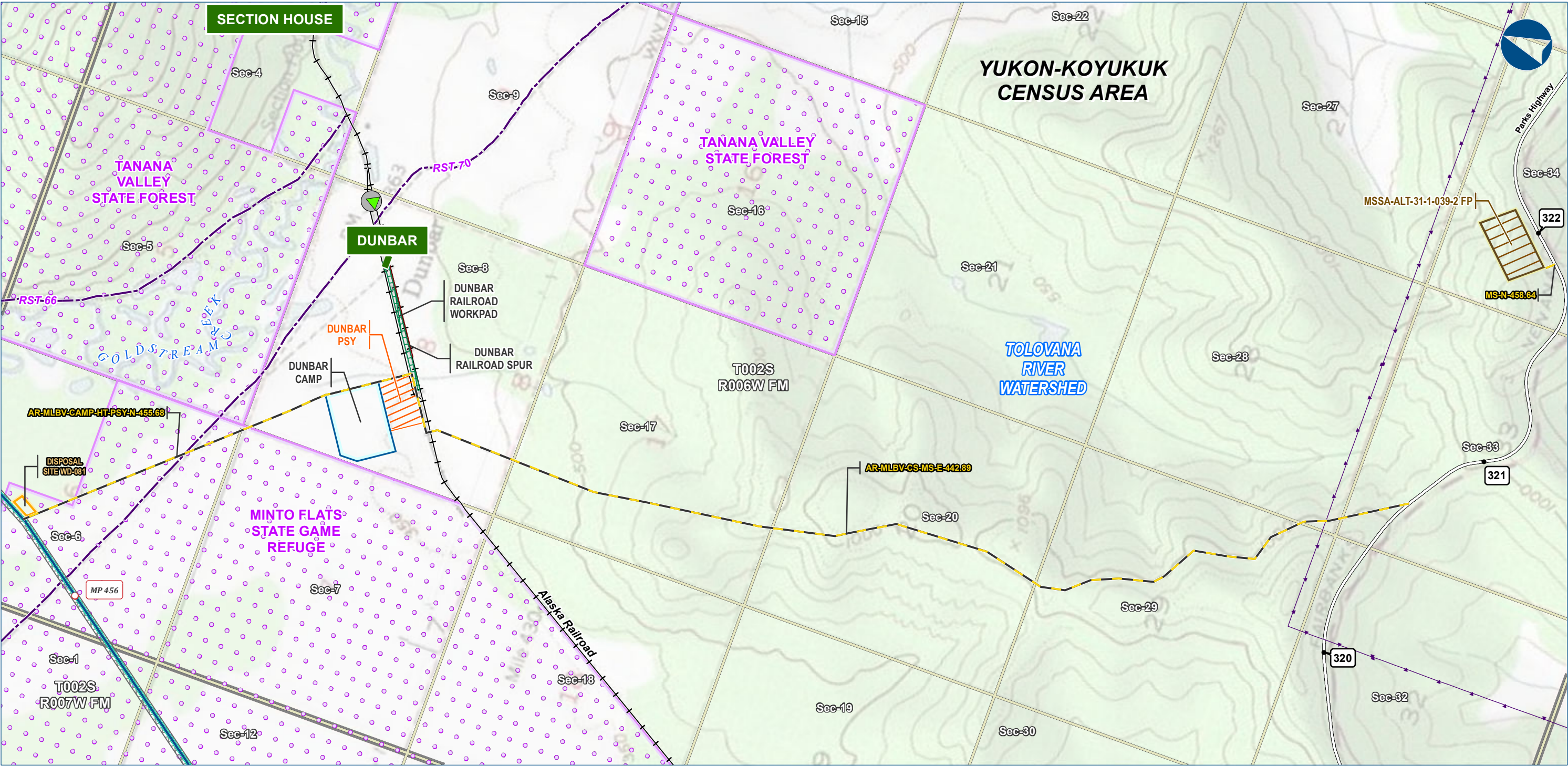
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	FAIRBANKS NORTH STAR	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 19



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

EXISTING FEATURES

- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Buried Cable
- Conservation Lands
- Alaska DOT Place Names

Section

- ADEC Leaking UG Storage Tanks
- ADEC Contaminated Sites
- Cleanup Complete

Township

- Township

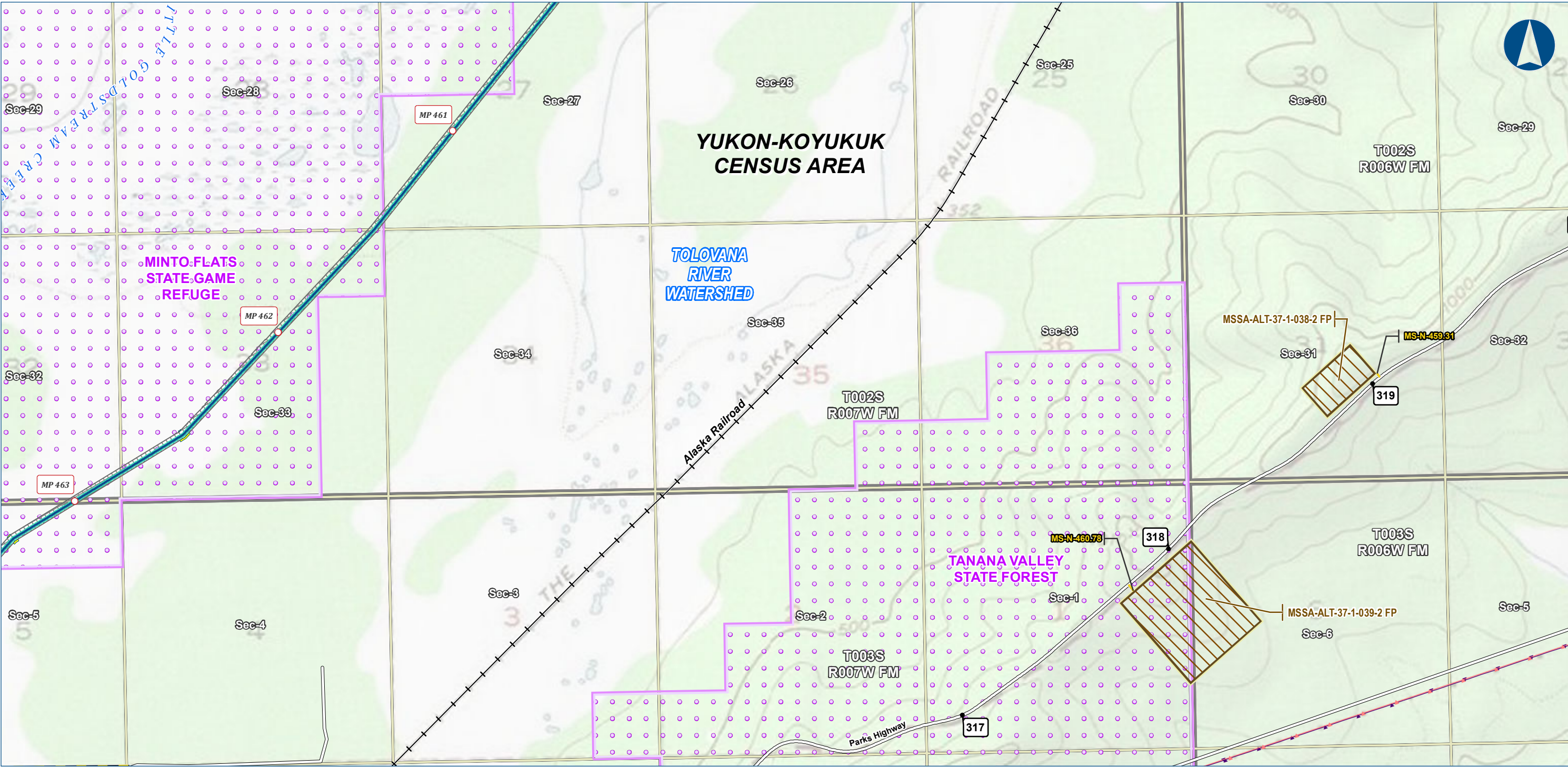
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
DATE:	2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 20



Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Existing Roads
- Railroad
- Buried Cable
- Overhead Powerline
- Conservation Lands

Section

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

Township

- Section
- Township

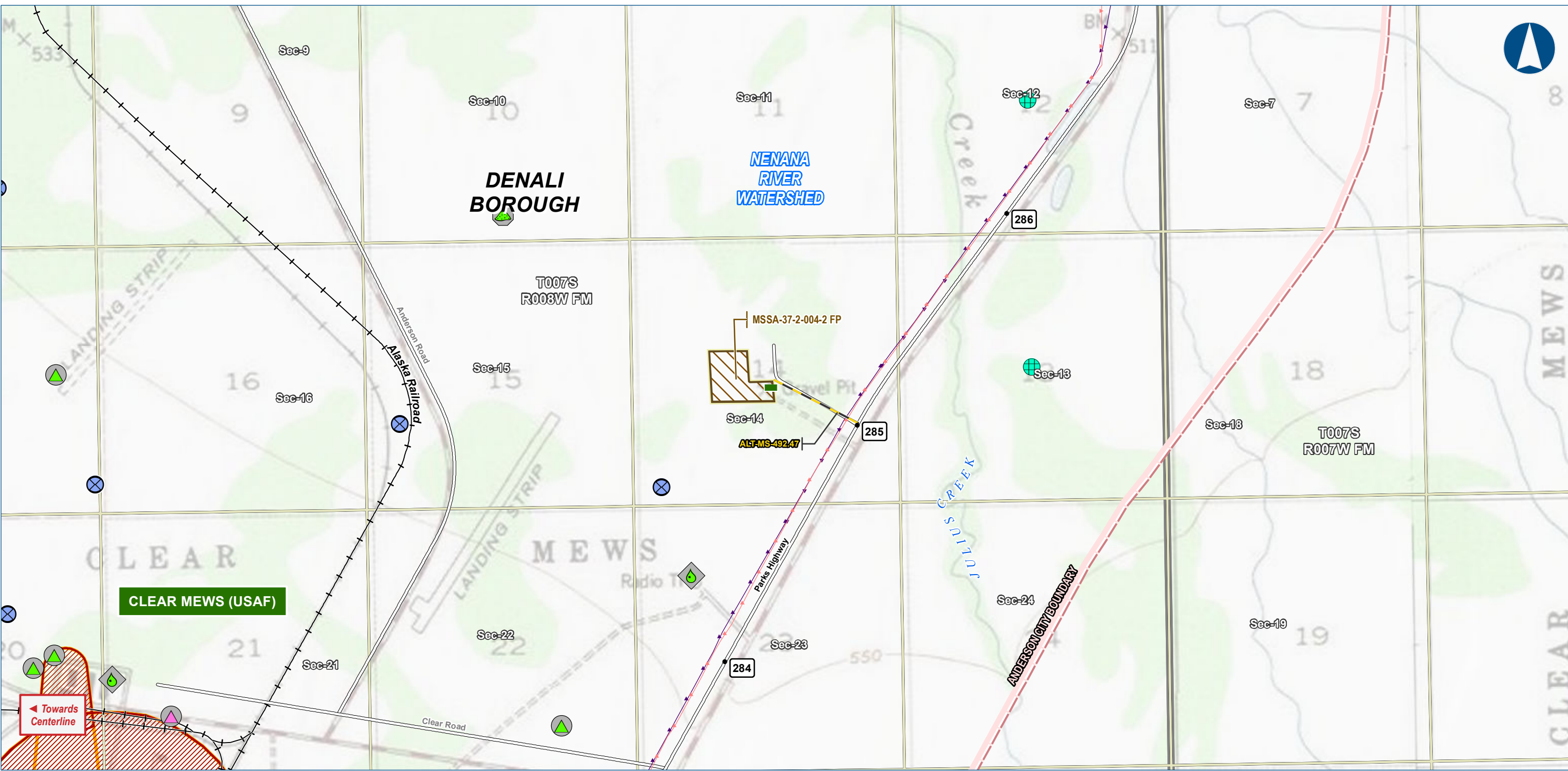
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 21



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Existing Roads
- Railroad
- Buried Cable
- Overhead Powerline
- Incorporated City Boundary
- Alaska DOT Place Names

Section

- ADEC Leaking UG Storage Tanks
 - Cleanup Complete
- ADEC Contaminated Sites
 - Cleanup Complete
 - Open

Township

- ADEC Solid Waste Sites
 - Active
- Water Well Location (WELTS)
- USGS Ground / Surface Water Location
- Drinking Water - Zone A
- Drinking Water - Zone B

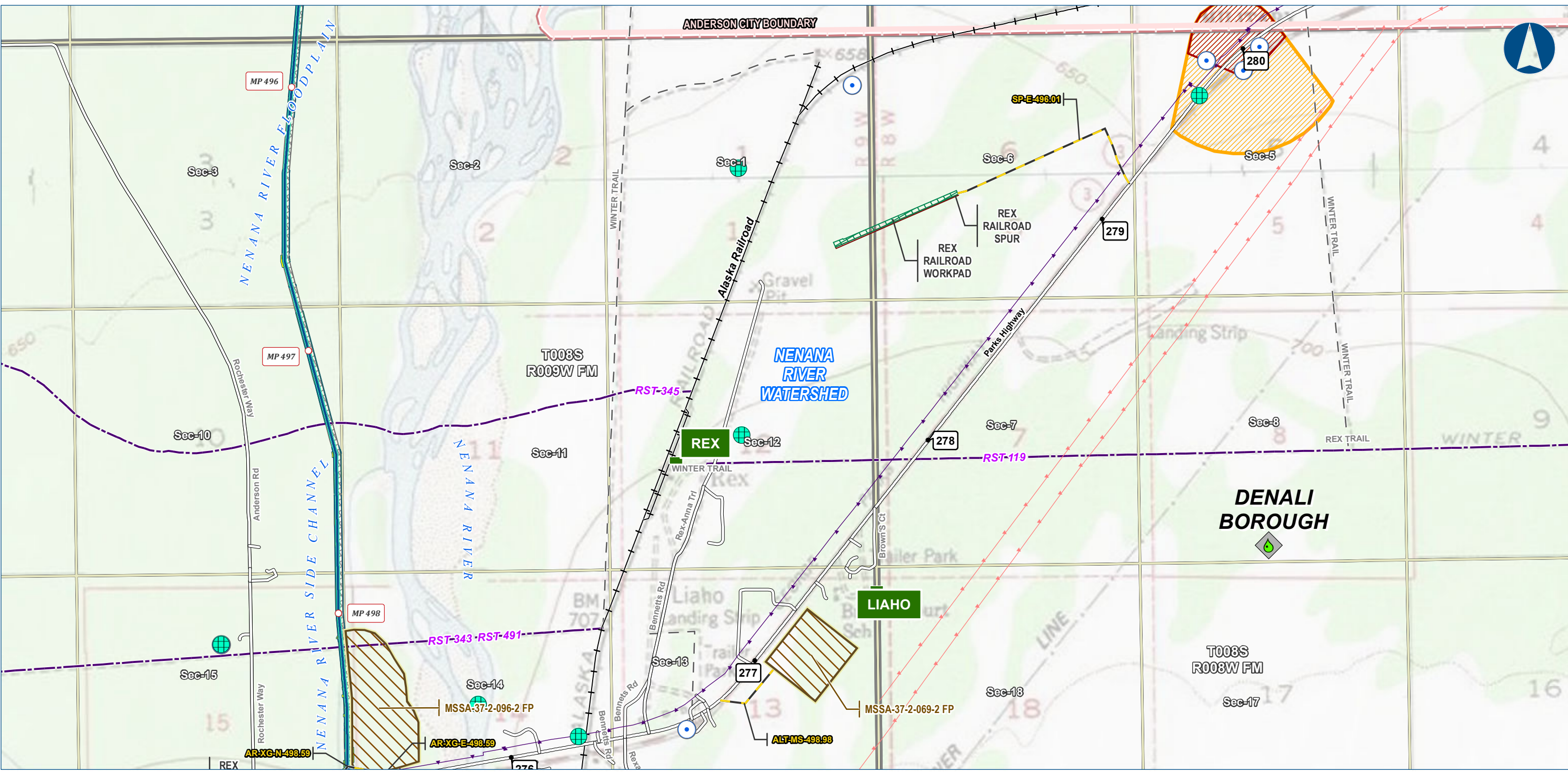
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY:
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
DATE:	2017-03-23	PROJECTION:
NAD83 NSRS2007 ALASKAZONE4 FTUS 54392		

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 22



Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Incorporated City Boundary
- Alaska DOT Place Names

Section

- ADEC Leaking UG Storage Tanks
- Cleanup Complete

Township

- Water Well Location (WELTS)
- Subsurface Water Rights
- Drinking Water - Zone A
- Drinking Water - Zone B

Other Features

- Permanent ROW
- Construction ROW
- ATWS
- Railroad Workpad
- Railroad Spur
- Material Site Study Area (MSSA)

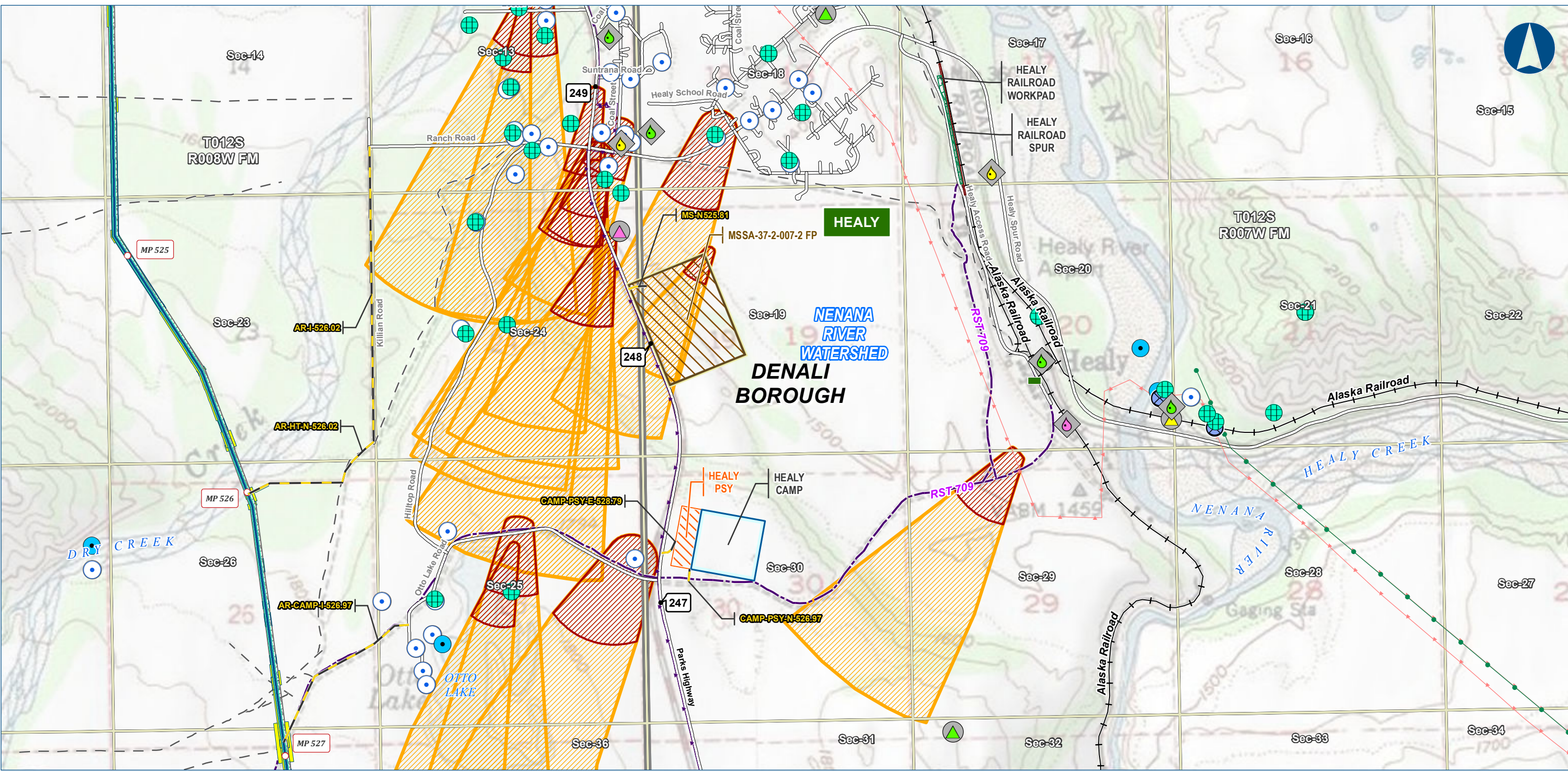
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 23



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Railroad Workpad
- Railroad Spur
- Material Site Study Area (MSSA)
- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Off Road Trails
- Existing Pipeline
- Buried Cable
- Overhead Powerline
- Alaska DOT Place Names

ADEC Leaking UG Storage Tanks

- Cleanup Complete
- Cleanup Complete - Institutional Controls
- Open

ADEC Contaminated Sites

- Cleanup Complete
- Cleanup Complete - Institutional Controls
- Open

Township

- Water Well Location (WELTS)
- USGS Ground / Surface Water Location
- Surface Water Rights
- Subsurface Water Rights
- Drinking Water - Zone A
- Drinking Water - Zone B

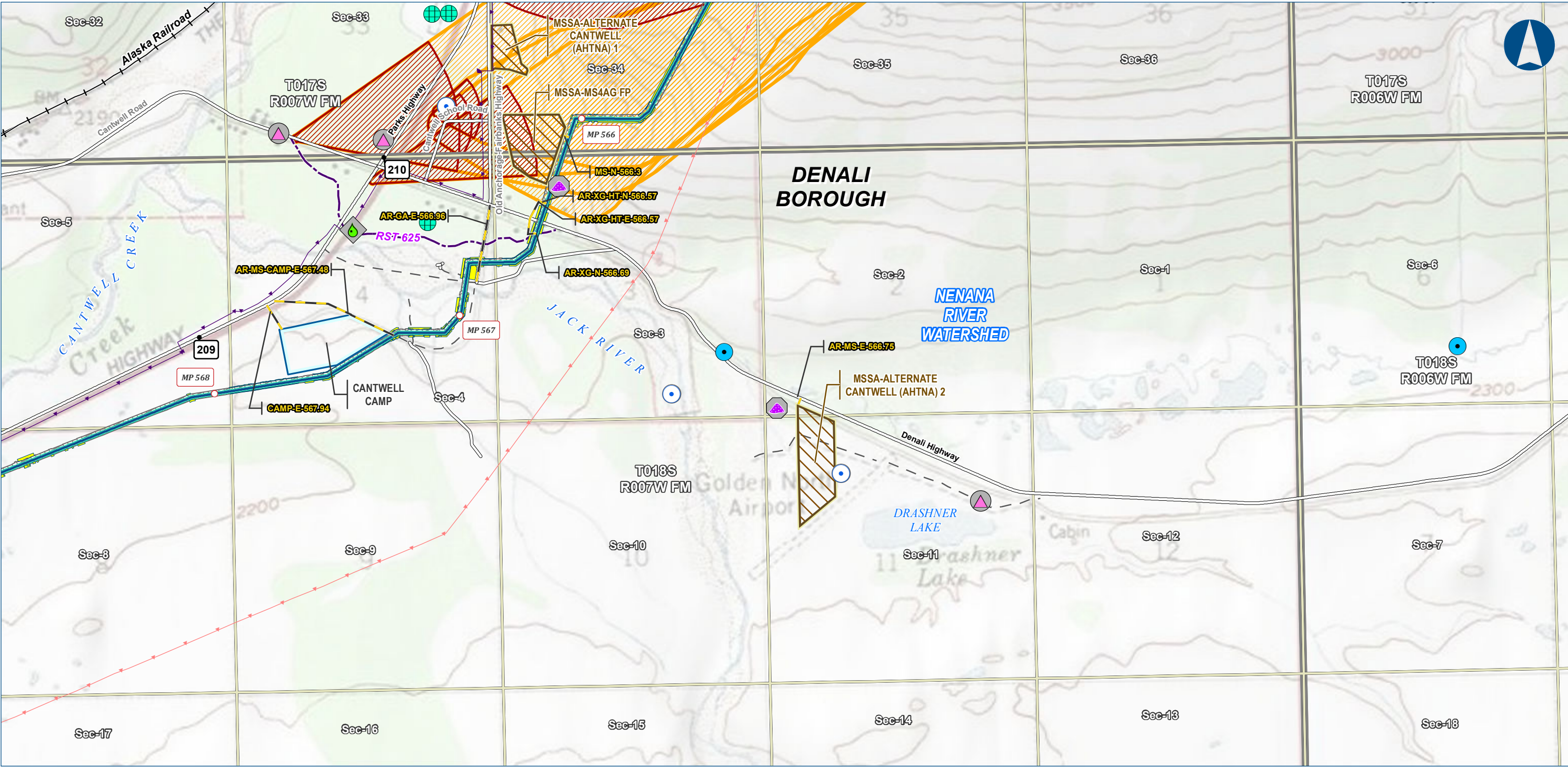
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY:
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE:	2017-03-23	PROJECTION:
NAD83 NSRS2007 ALASKAZONE4 FTUS 54392		

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 24



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Off Road Trails
- Buried Cable
- Overhead Powerline

Section

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

ADEC Leaking UG Storage Tanks

- Cleanup Complete
- ADEC Contaminated Sites
- Open

Township

- ADEC Solid Waste Sites
- Retired
- Water Well Location (WELTS)
- Surface Water Rights
- Subsurface Water Rights
- Drinking Water - Zone A
- Drinking Water - Zone B

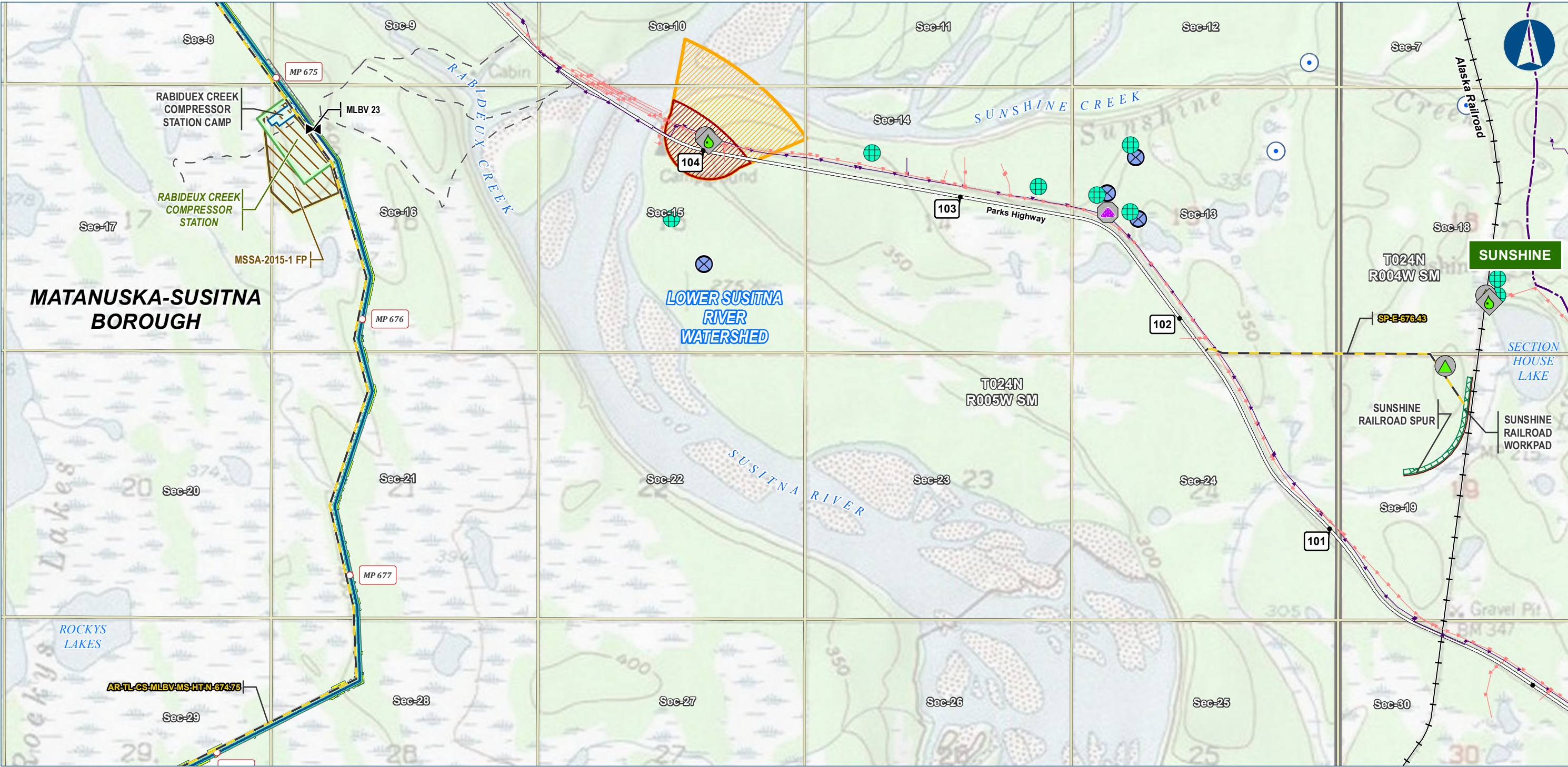
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

The information contained herein is for informational or planning purposes only, It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 25



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Alaska DOT Place Names

Section

- ADEC Leaking UG Storage Tanks
 - Cleanup Complete
- ADEC Contaminated Sites
 - Cleanup Complete
 - Cleanup Complete - Institutional Controls
 - Open

Township

- ADEC Solid Waste Sites
 - Retired
- Water Well Location (WELTS)
- USGS Ground / Surface Water Location
- Subsurface Water Rights
- Drinking Water - Zone A
- Drinking Water - Zone B

Permanent ROW

- Construction ROW
- ATWS
- Compressor Station
- Camp
- Railroad Workpad
- Railroad Spur
- Material Site Study Area (MSSA)

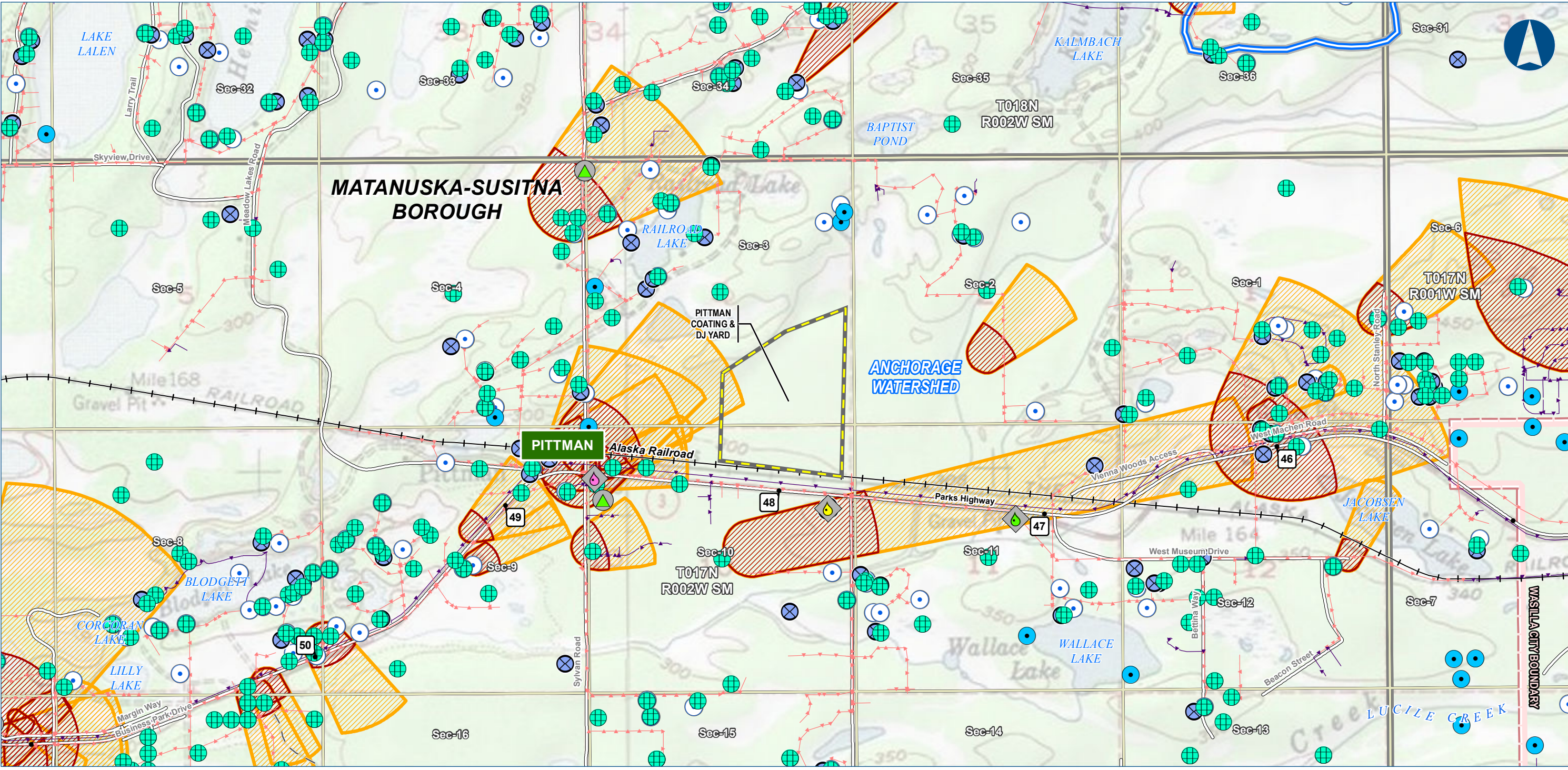
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 26



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Double Joint Coating Yard
- Existing Roads
- Railroad
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Watershed Boundary
- Incorporated City Boundary
- Alaska DOT Place Names

ADEC Leaking UG Storage Tanks

- Cleanup Complete
- Cleanup Complete - Institutional Controls
- Open

ADEC Contaminated Sites

- Cleanup Complete

Section

- Water Well Location (WELTS)
- USGS Ground / Surface Water Location
- Surface Water Rights
- Subsurface Water Rights
- Drinking Water - Zone A
- Drinking Water - Zone B

Township

-

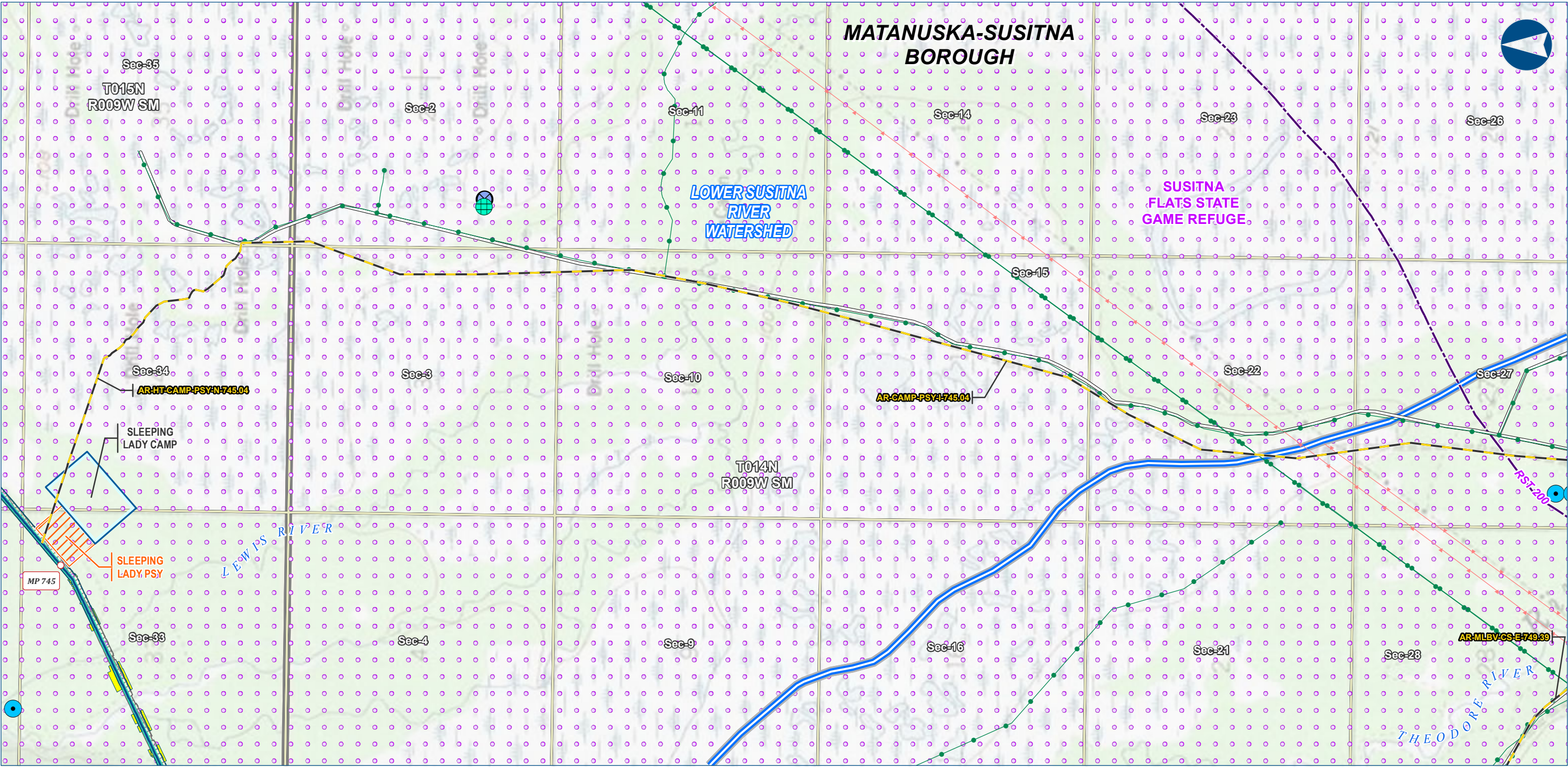
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 27



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Existing Roads
- Revised Statute 2477 Trail
- Existing Pipeline
- Overhead Powerline
- Watershed Boundary
- Conservation Lands

Section

- Township
- Water Well Location (WELTS)
- USGS Ground / Surface Water Location
- Surface Water Rights

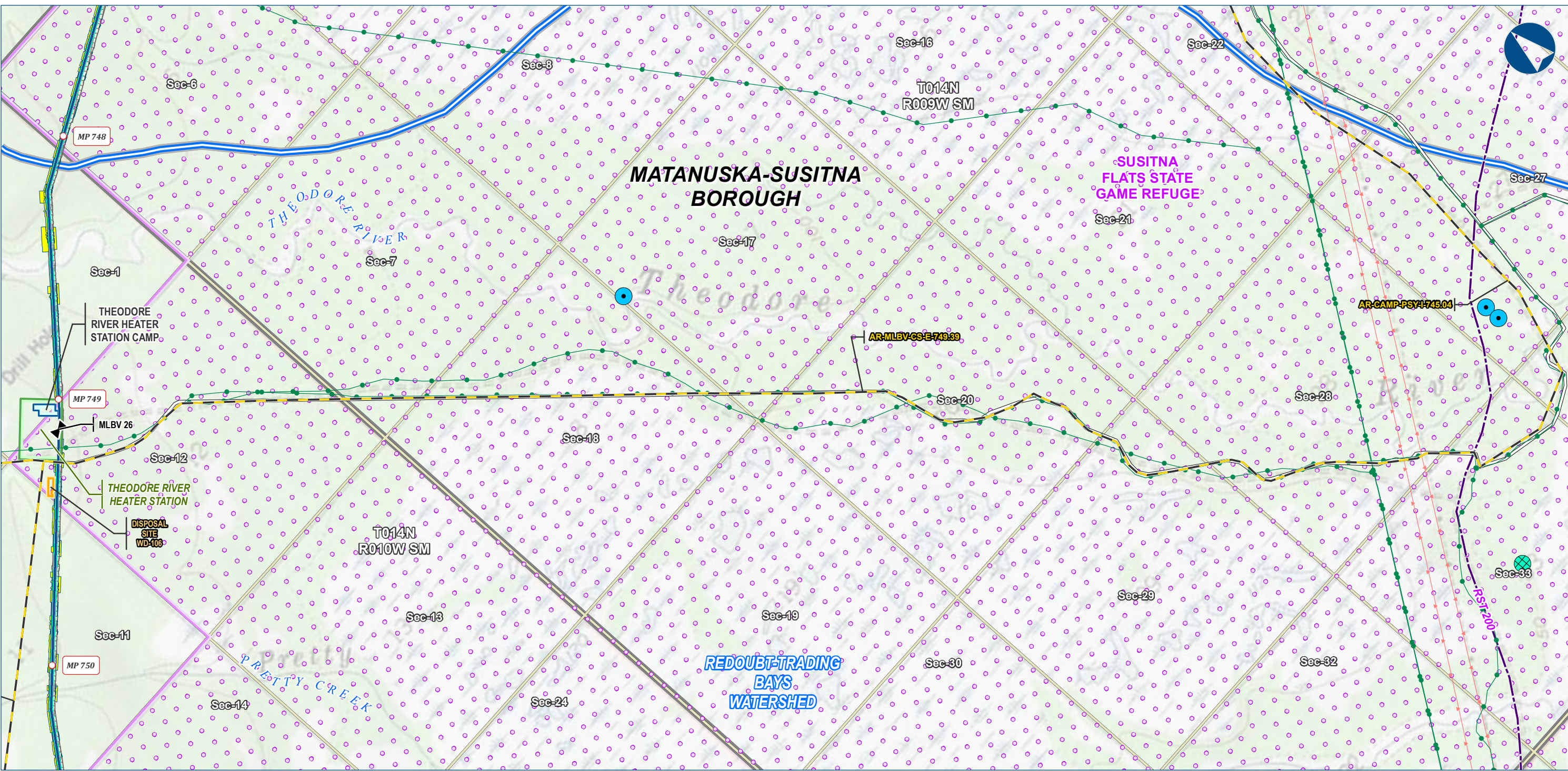
ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
DATE: 2017-03-23 PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392		

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 28



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- Disposal Site
- Existing Roads
- Revised Statute 2477 Trail
- Existing Pipeline
- Overhead Powerline
- Watershed Boundary
- Conservation Lands

Section

Township

Water Well Location (WELTS)

Surface Water Rights

ALASKA LNG PROJECT		
Contaminated Sites		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 29

Alaska LNG Project

Contaminated Sites Point Thomson Rev C Route Off ROW Facilities & Access Roads

Resource Report 8, Appendix C3 Topographical Mapping



Note:

ADEC Division of Environmental Health performs source water assessments funded by the Environmental Protection Agency (EPA) under the Source Water Assessment and Protection (SWAP) program (ADEC, 2015a). Source water assessments determine the susceptibility of a drinking water system, including groundwater wells, to contamination (Miller, 2009). Source water assessments also determine where drinking water originates. To determine the origination area, groundwater movement within two timeframes is evaluated (although additional timeframes are possible). The first timeframe is several months, “Zone A.” The second timeframe is two years, “Zone B.” For groundwater, this creates two areas around a wellhead showing the distance groundwater can move within the timeframe. These areas are usually generalized as a representative polygon.

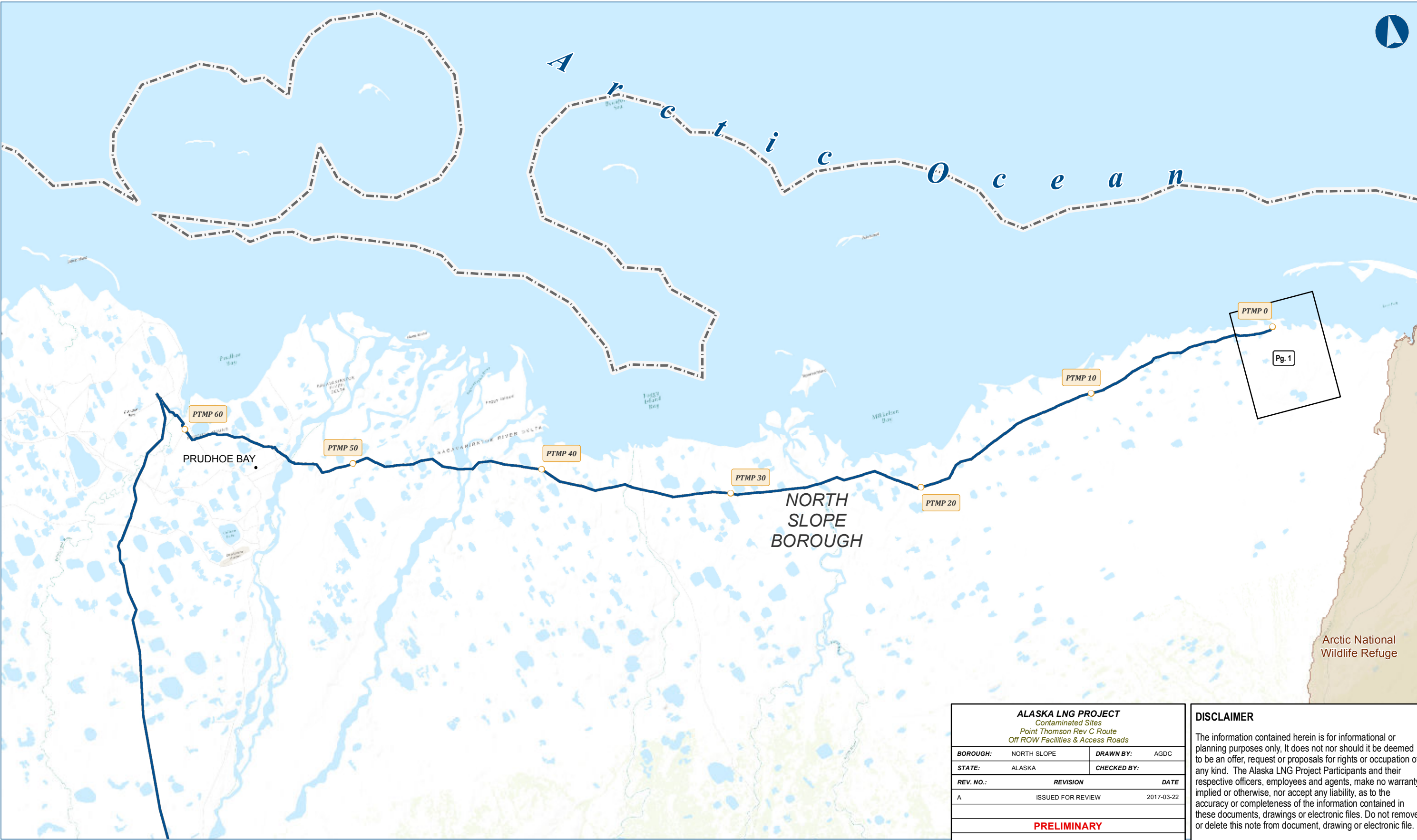
ADEC. 2015a. Overview of Drinking Water Protection in Alaska. Available online at: http://dec.alaska.gov/eh/dw/DWP/DWP_Overview.html. Accessed August 2015.

Miller, Chris. 2009. September 22-23. Ground Water Rule Assessment Source Monitoring. Ground Water Rule Workshop.

ALASKA LNG PROJECT Contaminated Sites Point Thomson Rev C Route Off ROW Facilities & Access Roads		
BOROUGH: -	DRAWN BY: AGDC	
STATE: ALASKA	CHECKED BY:	
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:10,000,000	0 100 200 Miles	
DATE: 2017-03-22	PROJECTION: NAD 1983 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RRB_APPENDIX_C3_PT_OFF_ROW_TOPO_REV_C_CL_COVER SHEET: COVER PAGE

DISCLAIMER

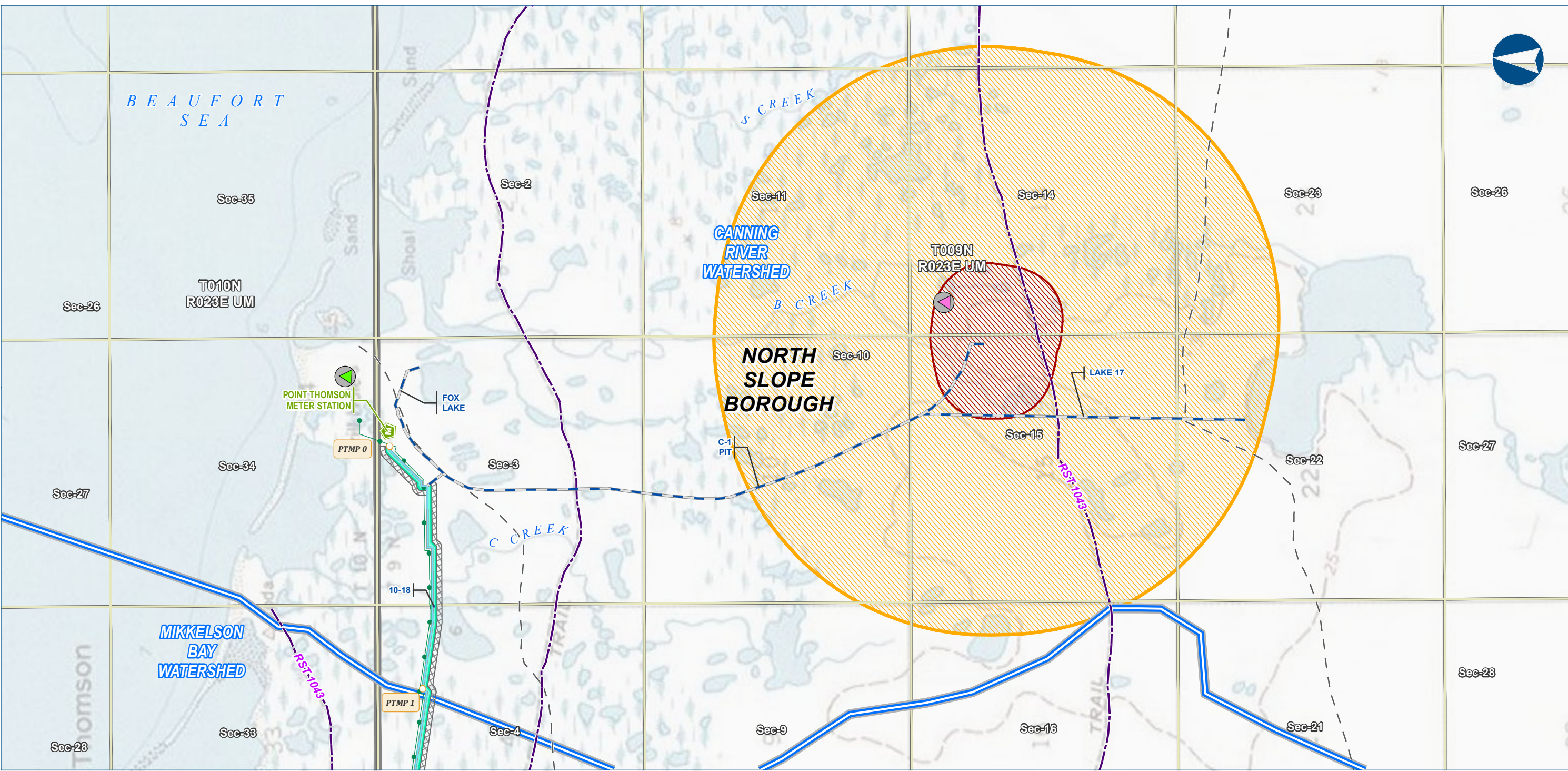
The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.



ALASKA LNG PROJECT		
Contaminated Sites		
Point Thomson Rev C Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:281,485	0 3 6 Miles	
DATE: 2017-03-22	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RRB_APPENDIX_C_3_4_PTTL_OFF_ROW_INDEX_REV_C_CL SHEET: PT-OFF-INDEX

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.



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

ADEC Contaminated Sites

- Cleanup Complete
- Open

Section

- Drinking Water - Zone A
- Drinking Water - Zone B

Township

-

ALASKA LNG PROJECT Contaminated Sites Point Thomson Rev C Route Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-28
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-28	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

The information contained herein is for informational or planning purposes only. It does not nor should it be deemed to be an offer, request or proposals for rights or occupation of any kind. The Alaska LNG Project Participants and their respective officers, employees and agents, make no warranty, implied or otherwise, nor accept any liability, as to the accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file.

DWG: RR8_APPENDIX_C3_PT_OFF_ROW_TOPO_REV_C_CL SHEET: 1