



Regionalization Program Management RFQ Informational Meeting

May 14, 2025



RFQ Informational Meeting

- Optional informational meeting
- Sign-in and provide
 - Name
 - Company
 - Phone Number
 - Email
- Email any questions to procurement@alcosan.org
- Addendum will be issued with Q&A

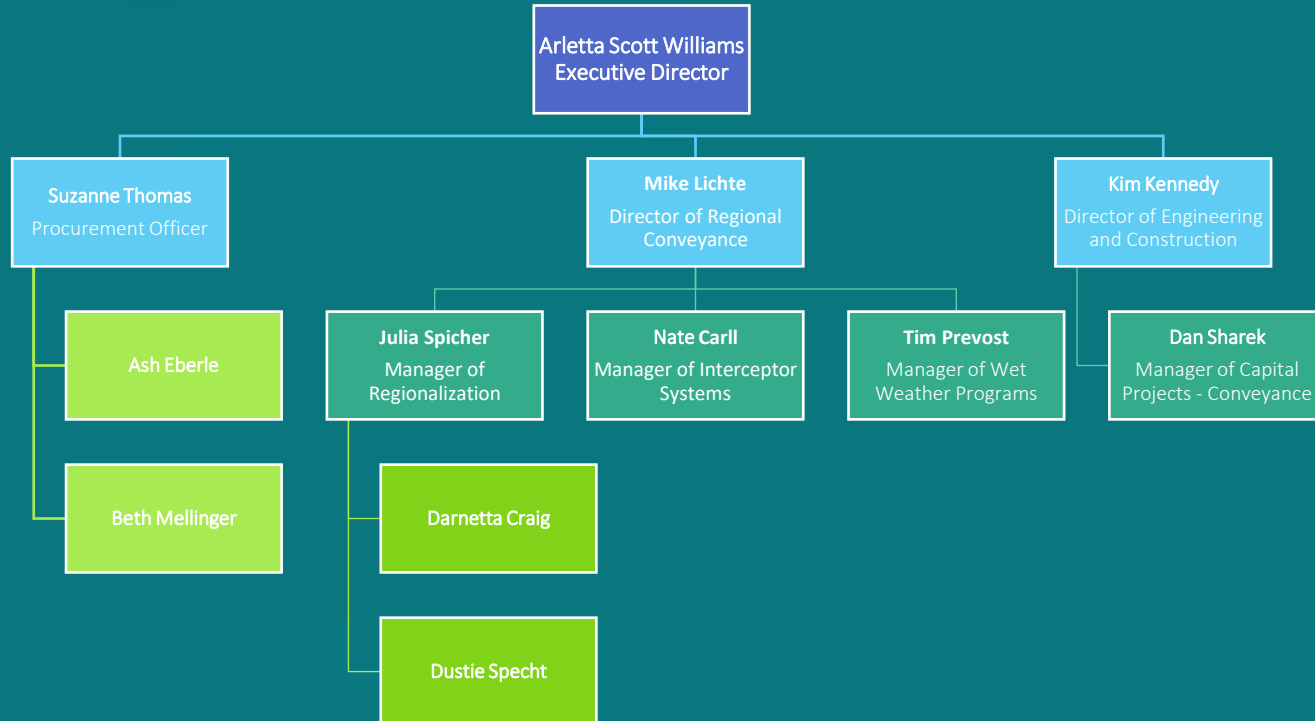


Agenda

- ALCOSAN Introductions
- Program Overview and Status
- Project Scope of Work
- Procurement Schedule
- Submission of Statement of Qualifications
- Questions



ALCOSAN Team





Procurement Schedule

- June 20 at 2:00PM – Qualifications due electronically to procurement@alcosan.org
 - Late and/or noncompliant submittals will not be evaluated
- July – Shortlist and issue RFP
- September – Interviews
- October – Award
- December – Issue Notice to Proceed



Submittals

- Identify any RTK-exempt pages of your submittal with justification
- Submit conflict of interest forms for every team member
 - If there is any doubt, contact procurement@alcosan.org for a determination
- Letter of Commitment – 2 pages max – Executive Summary
- 5 case histories and (max) 10 resumes of key personnel using SF 330 Part I
 - SF 330 Part II is not required
- Organizational chart – clear roles and responsibilities



MWDBE/SDVOSB

- MBE/WBE/SDV Participation – include certification
- 10-25% MWBE – total contract value
- 3% SDVOSB – total contract value
- Relevant roles on the contract, part of the evaluation
- ALCOSAN does not accept self-certifications

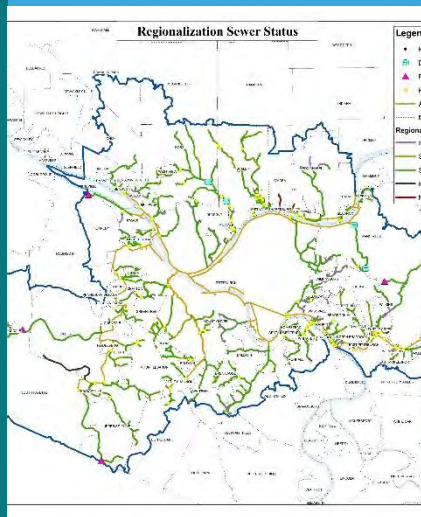


Program Overview and Status



The Clean Water Plan Components

Regionalization



GROW/Source Control



Plant Expansion



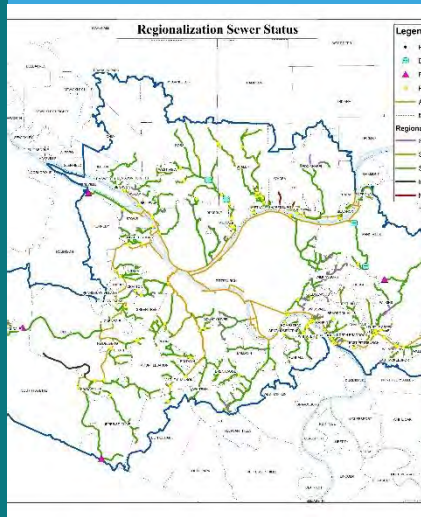
Regional Tunnel System





The Clean Water Plan Components

Regionalization



GROW/Source Control



Plant Expansion

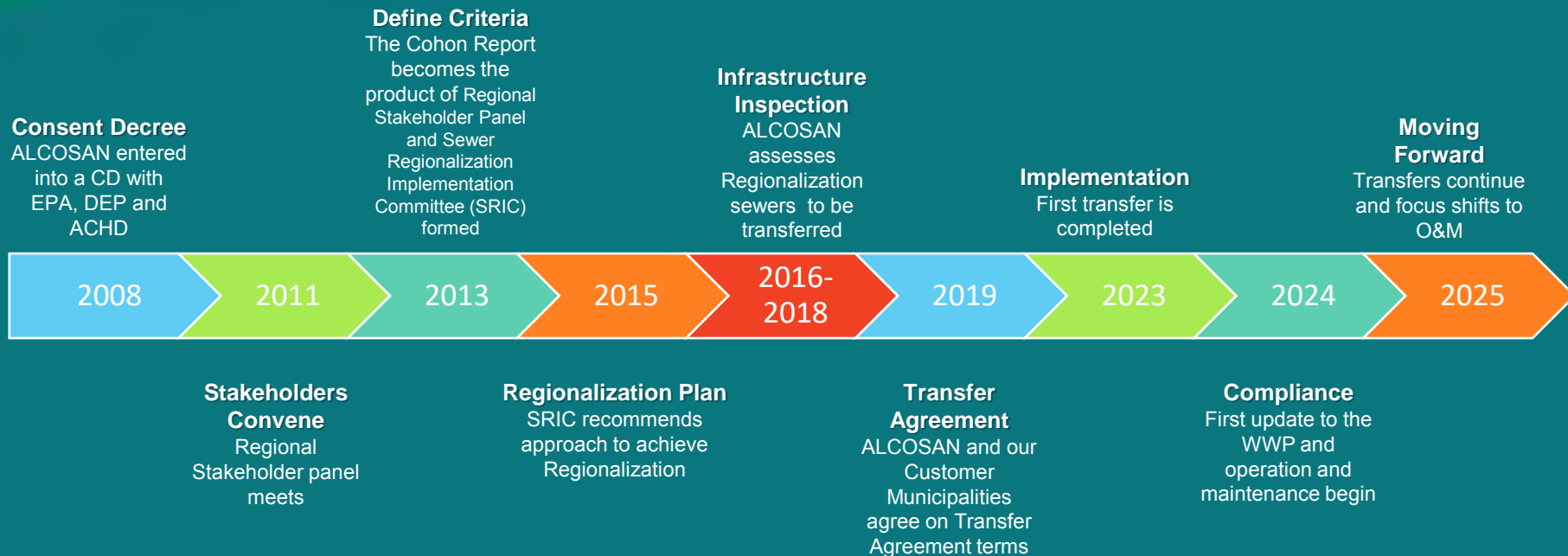


Regional Tunnel System



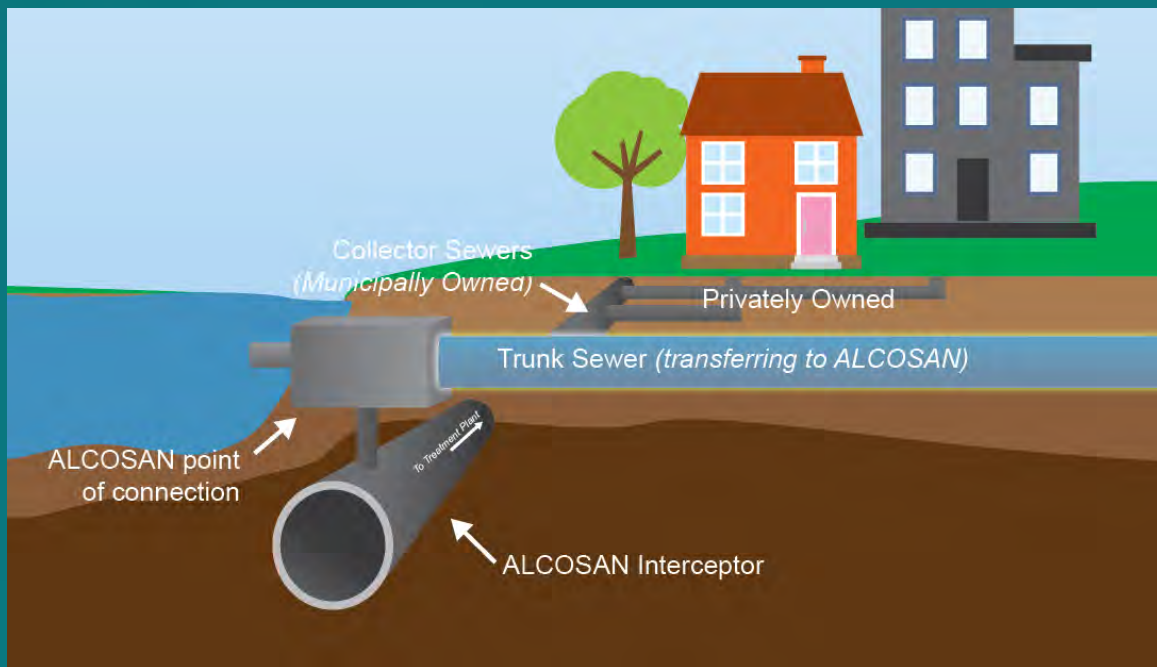


Program Timeline





What is the Regionalization Program?



Voluntary transfer of certain sewers to ALCOSAN:

- Ownership
- Maintenance
- Financial responsibility
- Future improvements

Benefits to Our Municipal Customers





Transfer Status

- 54 miles of sewer
- 1,695 total manholes
- 25 Regulators
- 12 CSOs
- 7 SSOs
- 0 Pump Stations
- 0 Equalization Basins





Transfer Status

| Phase | Sewer Length (miles) | Manholes | CSO | SSO | Regulators |
|---------------------|-------------------------|--------------|-----------|-----------|------------|
| Transferred | 54 | 1,695 | 12 | 7 | 25 |
| Under review at DEP | 9 | 284 | 4 | 2 | 6 |
| 2025 | 47 | 1,194 | 5 | 6 | 11 |
| 2026 and beyond | 157 | 3,645 | 26 | 7 | 33 |
| Total | 267 | 6,818 | 47 | 22 | 75 |



Future Transfers

- Anticipate by the end of 2025 to have 100-miles transferred
- ~150 miles left to transfer
- Municipalities who will not have begun the transfer process
 - Girty's Run Joint Sewer Authority - to be determined (16.23-miles, 2 EQ Basins)
 - Penn Hills - to be determined (12-miles, 2 PS, 2 EQ Basins)
 - Pittsburgh Water – indicated intent to transfer (58.5-miles)



Project Scope of Work



Project Scope

Regional Conveyance is committed to responsibly managing, operating, and maintaining our wastewater conveyance system to protect public health and the environment, serving our 83 customer municipalities with cost-effective, compliant, and community-centered services.



Project Requirements

- Manage Program, team, budget, and schedule
- Transfer regionalized infrastructure from the municipalities to ALCOSAN
- Complete permitting requirements
- Comply with the Modified CD as related to Regionalization
- Prepare a capital improvement plan for regionalized infrastructure
- Perform as an extension of the regional conveyance team



The Regionalization process requires a dynamic team that can adeptly respond to competing and changing priorities.



Tasks

- Task 1: Project Management
- Task 2: Transfer of Regionalized Infrastructure
- Task 3: Permitting
- Task 4: Asset Management
- Task 5: Post Transfer Support
- Task 6: Modified Consent Decree Compliance



Task 1: Project Management



Task 1 – Project Management

- Manage project, team, budget, and schedule
- Project Management Plan
 - Team Charter
 - Staffing Plan
 - Change Management
- Prepare and submit invoices on time
- Effective progress tracking for transfer, permits, program tasks, signatures, and assets
- Attend ALCOSAN monthly Project Management Organization (PMO) meetings
- Prepare monthly progress dashboard
- Support public outreach events such as Open House

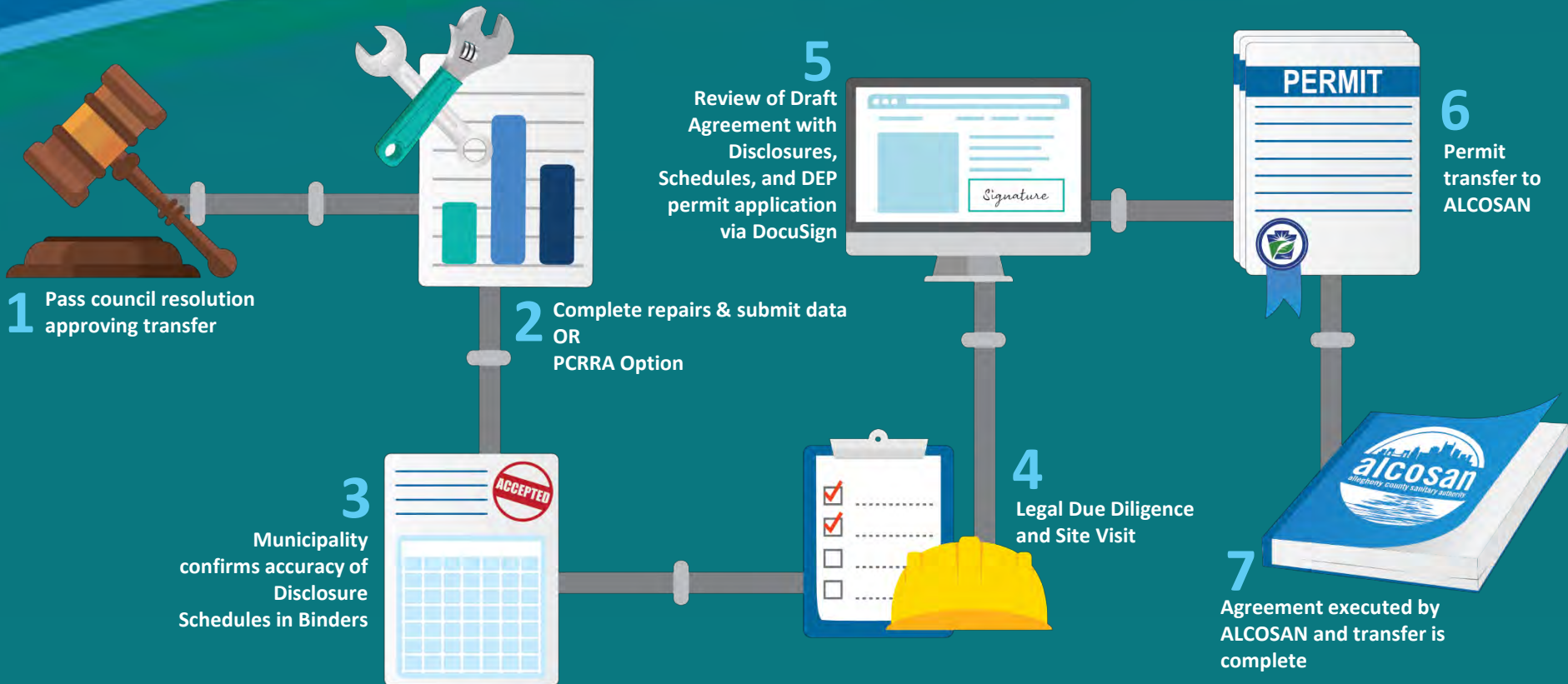


The Regionalization Program requires a full-time, dedicated Program Manager.



Task 2: Transfer of Regionalized Infrastructure

Transfer Process





START

Paths for Transfer

1

Discuss repairs & agree on cost with ALCOSAN

2

Agreement signed, DEP Permits transferred to ALCOSAN

2

Complete repairs, submit data to ALCOSAN

3

DEP Permits transferred to ALCOSAN

4

Execute Transfer Agreements

Sewer
Transfer



Task 2 – Transfer of Infrastructure

Municipal Coordination

- Engagement with ALCOSAN customer municipalities is frequent and the backbone of the Program
- Meetings
 - Pre-transfer meetings to discuss status and defect repairs
 - Municipal Council/Board meetings to speak about the Program
 - Meet with municipalities that have not determined if they will transfer or not
 - Meet with municipalities that want to transfer but lack funding
 - Post-transfer meetings between ALCOSAN Operations and Municipal DPW



Task 2 – Transfer of Infrastructure

- Inventory of Defects
- Defect repairs addressed
 - Completed by Municipality - Documentation provided and reviewed
 - Transferred As-Is (Post-Closing Repair and Reimbursement)
 - Cost estimate review
 - Cost estimate documentation review
- Review Municipal Records
 - Historic Agreements
 - Easements
 - Cost Sharing Agreements



Task 2 – Transfer of Infrastructure

- Transfer Agreement
- Bill of Transfer
 - Inventory of sewers, manholes, regulators, and overflows
- Assignment and Assumption Agreement
- Right of Entry and Access Agreement
- Transfer Agreement mapping
 - Based on ownership
 - Use existing template
- Coordination with ALCOSAN's solicitor

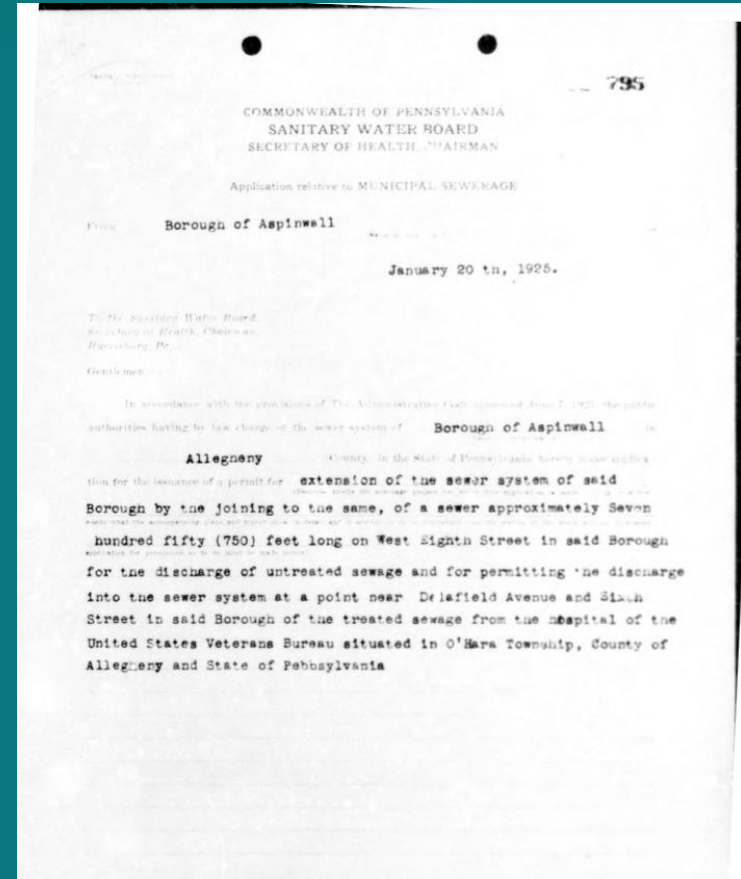


Task 3: Permitting



Task 3 – Permitting

- Completed DEP records search for majority of municipalities, not:
 - Penn Hills
 - Pittsburgh Water
 - Girty's Run Joint Sewer Authority
 - Brentwood Borough
 - Baldwin Borough
- Permits primarily issued in response to 1937 Clean Streams Law
 - Review permits to determine if they apply to the transferring infrastructure





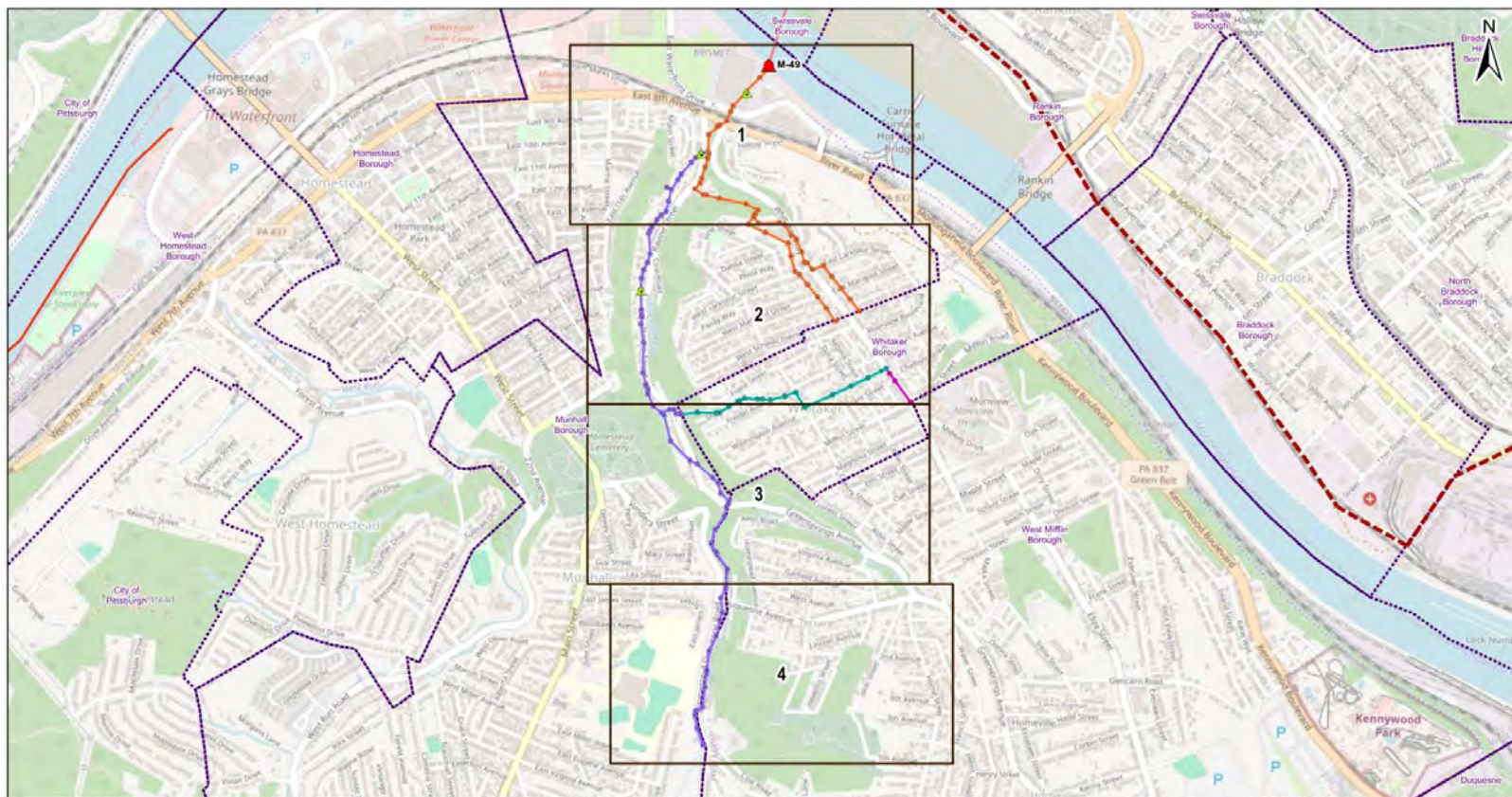
Task 3 - Permitting

- Cover letter
- Narrative
- DEP Forms Form
 - New WQM Permit
 - Transfer WQM Permit
 - Amendment of WQM Permit
 - Multiple permit applications for each POC
 - General Information Form
 - Part II
- Infrastructure Inventory
- Permit mapping by permittee

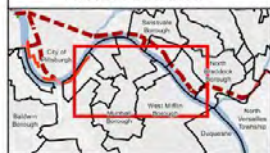


Task 3 - Permitting

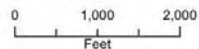
- PM will pay for permit fees via credit card, invoice to ALCOSAN
 - \$250 for permit transfer
 - \$500 for modification
 - \$2,500 for new permit
- ALCOSAN submit through DEP On-Base
- Track DEP confirmation number and payment
- ALCOSAN issued permit
 - Permit conditions reviewed by Babst
 - Associate to specific infrastructure
 - Triggers issuing the Transfer Agreement to Arletta for execution



PROJECT LOCATION



DISCLAIMER: This map is intended to serve as an Exhibit to a Transfer Agreement between ALCOGAN and the Municipality of Authority that owns the assets depicted on this map and is, therefore, subject to the terms and conditions of said Transfer Agreement. This map was prepared solely for the purpose of serving as an Exhibit to the Transfer Agreement and should not be used or relied upon for any other purpose.



Assets For Transfer:

- P0392-4545 Modification (Request New Permit)
- P0392-4163 Modification (Request New Permit)
- P1138-4724 Modification (Request New Permit)
- P1138-4523
- ▲ Municipal Regulator For Transfer

Pipes for Transfer:

- P0392-4545 Modification (Request New Permit)
- P0392-4163 Modification (Request New Permit)
- P1138-4724 Modification (Request New Permit)
- P1138-4523

ALCOGAN Infrastructure

- Point of Connection
- Regulator
- Deep Tunnel Interceptor
- Shallow-cut Interceptor
- Subaqueous Interceptor
- Force Main
- Gnd



DATE PREPARED: 4/3/2025
AGREEMENT NO.

LEGEND

OVERVIEW

M-49 (WHITAKER RUN/ HOMESTEAD RUN) REGIONALIZATION INFRASTRUCTURE



Task 4: Asset Management



Task 4 – Asset Management

- Support ALCOSAN GIS team
- Maintain inventory in GIS
- Update fields and attributes in GIS
- Transfer Agreement maps
- Permit Application maps
- Post-Transfer operation support



Task 5: Post-Transfer



Post Transfer Assumed Liabilities

- Higher visibility in the customer municipality
- All O&M, inspection, repair, replacement of transferred infrastructure
- All work related to future upgrades from Municipal Feasibility Study
- SSO elimination
- Emergency response
- Customer service
 - Problems will be in someone else's backyard
 - Municipalities want to know when we will be investing in their community



Task 5 - Post-Transfer

- Infrastructure Condition Inspection, as needed
 - GPS
 - CCTV
 - MACP
- Inventory (Dimensions and Attributes)
 - Manholes
 - Sewers
 - Regulators
 - Outfalls
 - Other components



Operation and maintenance of the transferred infrastructure is the purpose of the program.



Task 5 – Post-Transfer

- Municipal codes applicable to all transferred sewers
- Roadway construction standards (municipal, County, and PennDOT)
- Develop ALCOSAN standard design details and specifications
- Help acquire permanent easements on private property
 - Survey (metes and bounds for easements)
 - Prepare exhibits for easements to be acquired by ALCOSAN Property consultant



Post Transfer CD Requirements

| Item to be Updated to Account for Regionalization per Par. 66(c) |
|--|
| i. O&M Plan (in the past, not viewed as a single document since referred to in Appendix I as the “operation and maintenance manuals for the Conveyance and Treatment System”) |
| ii. Revised Nine Minimum Controls Plan |
| iii. Evaluation of regulator capacity |
| iv. Solids and Floatables control plan |
| v. Program to eliminate dry weather discharges |
| vi. Program to assess, repair, and maintain sewer pipes |
| vi. Inventory of the Conveyance and Treatment System and map of the Conveyance and Treatment System and the Regional Collection System |
| vii. Program to monitor CSOs and SSOs |
| ix. Any other materials described in Section VI, Subsection F (Operation and Maintenance of Conveyance and Treatment System) |



Consent Decree O&M Requirements



SPECIFIC METRICS, TIMELINE
AND REQUIREMENTS
DEFINED IN CONSENT
DECREE



SYSTEM INSPECTION



PREVENTATIVE
MAINTENANCE



CORRECTIVE MAINTENANCE

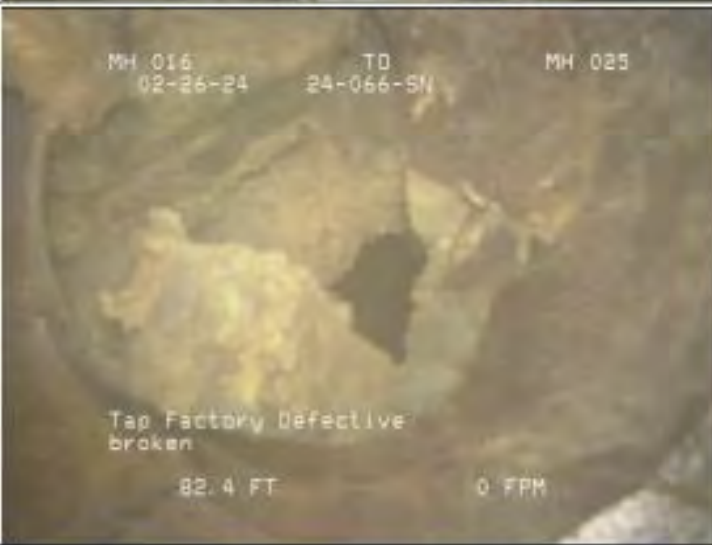


| | A | B | C | D | E | F | G | H | I | J | |
|----|----------------------|------------------------------------|------------------------|------------|--|-------------------------------|--|--|---|-----------------------|---|
| 1 | Appendix I | System Inspections and Maintenance | | | | | | | | | |
| 2 | Sections 3 - 6 | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | Component | Page | Type | Interval | Time interval begin repair: 60 days | Time unit discovery | Trigger | Metric | Inspection requirements | Recording requirement | Special |
| 10 | Sewer Pipes | I-9, 4f | Corrective Maintenance | as needed | complete repair: 6 months | discovery | discovery significant structural defects | crown or invert, missing pipe, void in backfill, any defect PE deems needs immediate action. | perform corrective maintenance bypass pumping and/or capture of overflow within 24-hrs (if cannot put in bypass within 48-hrs notify EPA, DEP, ACHD in writing with detailed explanation, plan, and schedule) | none | ACHD in 15-days provide if not feasible |
| 11 | Sewer Pipe Blockages | I-9, 4g | Corrective Maintenance | as needed | 30 days of discovery | discovery | complete sewage blockage causing CSO, SSO, basement flooding, or public health nuisance. | discover complete blockage | remove blockage | none | ACHD in 15-days provide |
| 12 | Pump Station | I-11, 6a | Preventive Maintenance | scheduled | see manufacturer requirements | see manufacturer requirements | automatic | TBD | perform maintenance in accordance with procedures and scheduled established by ALCOSAN and manufacturer's recommendations | none | none |
| 13 | Manholes | I-11, 6b | Preventive Maintenance | as needed | as needed | as needed | system inspection | infiltration at manhole | seal where appropriate manholes to prevent infiltration (i) map of identified grease blockage (ii) notify pretreatment staff of recurring grease blockages (iii) request installation of grease traps or cleaning inspection program and notify ACHD of the request (iv) schedule of inspection for problem areas | none | none |
| 14 | Grease control | I-11, 6c | Preventive Maintenance | continuous | as necessary | as necessary | automatic | grease control program | | none | none |
| 15 | Root control | I-11, 6d | Preventive Maintenance | continuous | as necessary | as necessary | automatic | root control program | inspect and remove roots from sewers Identify known locations we do not have physical or legal access, reason for lack of access, strategy for obtaining and maintaining access | none | none |
| 16 | Access agreements | I-11, 6e | Preventive Maintenance | continuous | as necessary Summer: 4 to 6 hrs/2x per week Other months: each period of dry weather sufficient to allow draw down for 4-6 hrs/2x per week | as necessary | automatic | access agreement and easements | | none | none |
| 17 | Draw downs | I-11, 6f | Preventive Maintenance | scheduled | | week | automatic | draw down scour | scheduled draw down on Monday and Wednesday nights A-54 Medonta Street A-24 36th Street | none | when feasible |











Brush Run PS - USC





Task 5 - Post-Transfer

- Infrastructure Condition Inspection
 - Review infrastructure inspection records to compliance with NASSCO standards
 - Identifying locations missing acceptable inspection records and facilitate the acquisition of inspection records.
 - PACP
 - MACP
 - Site surveys to include topographic, boundary, and utility locations
 - GPS locate infrastructure
 - Internal measurement of structures using LIDAR, 3-D scanning or other approved method



Task 5 - Post-Transfer

- Engineering Services
 - Develop a Capital Improvement Plan (CIP) for regionalized infrastructure.
 - 1, 5, and 10 year interval
 - Develop regionalized infrastructure sewer rehabilitation contracts to include, at a minimum:
 - Manhole improvements
 - Sewer inspection
 - Sewer lining
 - Structural repair to brick sewers and/or stream culverts
 - Emergency repairs
 - Develop record drawings of regionalized infrastructure, as directed
 - Identify missing easements not provided to ALCOSAN through transfer
 - Update ALCOSAN's Developer Manual
 - Review tap-in requests, as needed



Task 5 – Post-Transfer

- Construction Inspection Services
 - CI services during construction activities by others along regionalized infrastructure, as needed
 - Create public notification documents for regionalized sewer rehabilitation contracts
 - Complete daily field inspection reports
 - Schedule and lead construction progress meetings and prepare minutes
 - Produce redlines and review contractor's as-builts



What we need

- Immediate needs
 - Targeted inspection of infrastructure – fill in data gaps
 - Emergency contract
 - Manhole improvement contract
- Capital Plan
 - Automatic, rolling scheduled O&M inspections
 - Data based, highly defensible capital investment approach
 - Fiscal responsible budgeting
 - Immediate, 5-year, 10-year projects
- Field services support
 - CCTV, regulator surveys
- Operations Support



Task 6: Modified CD Compliance



Task 6 – Modified CD Compliance

| Term |
|---|
| Regionalized Intermunicipal Trunk Sewers and Associated Facilities |
| Intermunicipal Trunk Sewers and Associated Facilities |
| Additional Regionalized Intermunicipal Trunk Sewers and Associated Facilities |
| ~ Additional defined terms about the components of the sewer collection and conveyance system |



Understand the many locations Regionalization is discussed in the Modified CD and understand the details of requirements.



Task 6 – Modified CD Compliance

- Paragraph 66c
 - “good faith efforts”
 - Responsibilities shall include at a minimum:
 - Operation and maintenance
 - Amendment to WWP (Para 67)
 - Apply at the end of the calendar year immediately following the calendar year of transfer
 - Updates to O&M plan, NMC, Solids and Floatable Plan
 - Evaluation of regulator capacity
 - Program to eliminate dry weather discharges
 - Program to assess, repair, and maintain sewer pipes
 - Inventory of the Conveyance and Treatment System and map
 - Program to monitor CSOs and SSOs
 - Any other materials described in operation and maintenance of the conveyance system



Keys to Success



- Operation and maintenance of the transferred infrastructure is the purpose of the program.
- The Regionalization Program requires a full-time, dedicated Program Manager.
- The Regionalization process requires a dynamic team that can adeptly respond to competing and changing priorities.
- Understand the many locations Regionalization is discussed in the Modified CD and understand the details of requirements.



Evaluation Criteria

- Demonstrated understanding of the Regionalization program
- Team's resource capability to perform required tasks and services
- Team's structure and utilization of local subconsultants
- Team's experience with DEP permits and preparation of permit applications
- Team's experience with Capital Improvement Planning (CIP)
- Team's experience designing and preparing sewer rehabilitation contracts
- Team's experience supporting sewer conveyance system operations
- Program Manager and Task Leads
- Evaluation of assigned personnel and their geographic location(s) – resumes and experience of key staff and subconsultants
- Familiarity with ALCOSAN customer municipal sewer systems
- References and team's experience
- MBE/WBE/SDV Participation



THANK YOU