NYS000174

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Submitted: December 16, 2011

EC00234037

In the Matter of:

Entergy Nuclear Operations, Inc.
(Indian Point Nuclear Generating Units 2 and 3)

ASLBP #: 07-858-03-LR-BD01 Docket #: 05000247 | 05000286 Exhibit #: NYS000174-00-BD01 Admitted: 10/15/2012

Identified: 10/15/2012

Rejected: Other: Withdrawn: PROGRAM SECTION No. SEP-UIP-IPEC
Stricken: Revision No. 0

INDIAN POINT 2 & 3

UNDERGROUND COMPONENTS INSPECTION PLAN

ENTERGY NUCLEAR ENGINEERING PROGRAMS

APPLICABLE SITES

			All Site	es: 🗌					
Specific Sites: ANO	GGNS 🗌 IPE		JAF 🗌	PLP 🗌	PNPS 🗌	RBS 🗌	VY 🗌	wз□	HQN 🗌
	Safet	у Яє	elated:		Yes				
				\boxtimes	No				

Program Section Revision Summary							
Current Revision	Description of Change						
0	New program section in response to NEI 09-14 for underground/buried equipment inspections.						

REVIEW AND CONCURRENCE SHEET

Program Section Title: Indian Point Underground Components Inspection Plan

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REVISION STATUS SHEET

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A. PURPOSE

The purpose of this Program Section is to document the site's inspection plan for underground piping and tanks. The inspection plan development represents a specific commitment milestone in the NEI Industry Initiative that is due by June 30, 2011.

B. BACKGROUND

Many nuclear plant systems contain one or more lines that are underground or buried. These systems may include safety and non-safety service water, circulating water, fire protection, diesel fuel oil, spent-fuel pool cooling water, miscellaneous radioactive lines, off-gas and yard drains. Many buried lines are coated or tape-wrapped with materials such as concrete, coal tar, asphalt-based materials, or epoxy. Although many of these lines were cathodically protected when plants were constructed, in many cases the cathodic protection system may not have been maintained or used consistently. The result is accelerated external degradation at locations where the coating has failed. Additionally, certain systems can be subject to internal corrosion as a result of microbiologically influenced corrosion (MIC) and other degradation mechanisms.

Over the past several years there have been instances of inadvertent releases of licensed material due to underground and buried piping leaks from nuclear power plants. While none of these instances have threatened public health and nuclear safety or compromised environmental protection, public confidence in the safe operation of nuclear power plants has been affected and needs to be addressed.

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C. REFERENCES

- NEI 07-07, Final "Industry Ground Water Protection Initiative Final Guidance Document", August 2007
- 2. "Buried Piping Integrity Initiative", November 18, 2009
- 3. NEI 09-14, Rev. 1 "Guideline for the Management of Buried Piping Integrity", January 2010
- 4. "Underground Piping and Tanks Integrity Initiative", September 2010
- Letter to Mr. William Borchardt, NRC Executive Director for Operations, titled "Industry Initiative on Buried Piping Integrity", dated November 20, 2009
- EPRI TR-1016456, "Recommendations for an Effective Program to Control the Degradation of Buried Pipe", December 2008
- 7. Entergy Procedure EN-DC-343, Rev. 2 "Buried Piping and Tanks Inspection and Monitoring Program", January 2010
- Entergy Program CEP-BPT-100, Rev 0 "Buried Piping and Tanks Inspection and Monitoring". October 2009
- Entergy Project Report "Guidelines for Management of Reasonable Assurance of Integrity for Above and Under Ground SSCs Containing Radioactive Material", September 2010
- Engineering Report ECH-EP-10-00001, "Radiological SSC Groundwater Initiative Risk Evaluation Criteria", June 2010
- 11. Entergy Project Summary Report "Radiological Material Leak Prevention to Groundwater of Above and Under Ground Structures, Systems and Components", September 2010
- 12. EPRÍ Report IR-2010-409, "Inspection Methodologies for Buried Pipes and Tanks", June 2010
- EPRI Report 1019115, "Buried Pipe Gulded Wave Examination Reference Document", Oct 2009
- 14. IP-SMM-EV-103, "Petroleum Bulk Storage Tank Program"

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D. DEFINITIONS

Buried Piping and Tanks - Piping and tanks that are below grade and in direct contact with the soil or concrete (e.g. a wall penetration or embedded in concrete).

Cathodic Protection (CP) - The application of a current to the outside surface of the pipe with the purpose of reducing the susceptibility of exposed sections of buried pipe (exposure caused by coating deterioration, damage, or voids) to corrosion. The application of a low voltage residual current causes a shift (with respect to the anode) of the electrolytic potential at pipe exposed sites and thereby places the pipe in a more protected, less corrosive environment.

Direct Examination – Examination performed so as to be capable of mapping and categorizing corrosion defects. Direct exam may include soil excavations that enable visual testing (VT), and manual measurements [including: ultrasonic testing (UT), radiological testing (RT), pit gage] to be performed. Direct examination can also include "smart pigging".

Indirect Inspection - Inspection that provides information on the condition of an underground pipe remotely; from ground level or from an exposed section of pipe that is distant or remote from the pipe section of interest.

Reasonable Assurance (RA) – Reasonable Assurance is obtained when an engineering evaluation (including Fitness-for-Service), indirect inspections, direct examinations, and remediation, if necessary, of underground components is performed. Such a combination of activities will provide a high level of confidence that the structural and leak integrity of the piping systems will be maintained.

Underground Piping and Tanks - Piping and tanks that are below grade and that may or may not be in direct contact with soil or concrete*. This includes piping and tanks that are directly buried and those that are embedded in concrete or located in underground concrete vaults, tunnels, or guard pipes.

* Note: NUREG 1801 (GALL-Rev 2) Section XI.M41 "Buried and Underground Piping and Tanks" makes the following distinction: "Briefly, buried piping and tanks are in direct contact with soil or concrete (e.g., a wall penetration). Underground piping and tanks are below grade but are contained within a tunnel or vault such that they are in contact with air and are located where access for inspection is restricted."

E. CORROSION OF METAL PIPE

As coatings become damaged as a result of holiday formation, coal tar enamel embrittlement, tape wrap disbonding, etc., buried piping is directly exposed to soil. Without effective cathodic protection there is increased potential for external corrosion of the metal pipe.

Corrosion mechanisms of metals in buried pipe can be categorized in three broad categories:

- Wall thinning: This category encompasses electrochemical effects that typically result in general wall loss or local wall loss such as pitting, general corrosion, galvanic corrosion, crevice corrosion, microbiologically influenced corrosion, erosion-corrosion, and preferential weld attack (grooving).
- Environmental cracking: This category encompasses inter-granular or transgranular cracks such as stress corrosion cracking, hydrogen induced cracking, and fatigue cracking.
- 3. Metallurgical effects: This category encompasses all degradation effects that cause a change to the metal microstructure or its mechanical properties.

F. CURRENT INDUSTRY EFFORTS

The industry, under the Nuclear Energy Institute's (NEI) leadership, established in the summer of 2009 the Buried Piping Industry Task Force (BPITF) that is composed of NEI, Electric Power Research Institute (EPRI), Institute of Nuclear Power Operations (INPO), American Nuclear Insurers (ANI), and Utility representatives. The BPITF developed the Nuclear Strategic Issues Advisory Committee (NSIAC) Buried Piping Integrity Initiative (approved by the industry's chief nuclear officers in November 2009, Reference 2) and the associated NEI 09-14, "Guideline for the Management of Buried Piping Integrity" (January 2010, Reference 3). The scope of the initiative includes all piping that is below grade, contains any fluid, and is in direct contact with the soil. The initiative was later submitted to the NRC via a letter from NEI (Reference 4).

However, and as a result of more recent industry operating experience at Oyster Creek and Vermont Yankee, the Buried Piping Integrity Initiative has been revised by the BPITF to also include underground piping and tanks that are outside of a building and below grade (whether or not they are in direct contact with the soil) if they are safety related or contain licensed material or are known to be contaminated with licensed material. The Buried Piping Integrity Initiative was renamed as the "Underground Piping and Tanks Integrity Initiative"; this was issued in September 2010.

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The initiative includes commitments for developing an inspection or condition assessment plan by June 30, 2011 for the initial buried piping scope and by December 31, 2012 for the added underground components scope of the initiative. The plan is to provide reasonable assurance of integrity of the associated components and shall include the following key attributes:

- Identification of underground (below grade and buried) piping and tanks to be assessed.
- Potential inspection/assessment techniques.
- Inspection/assessment schedule for underground components based on risk ranking and prioritization,
- · Assessment of cathodic protection, if applicable.

G. CURRENT ENTERGY EFFORTS

Scope was identified and risk ranking criteria were developed to help the Entergy Fleet prioritize the inspections of underground pipes and components subject to degradation initiating from either the inside of the pipe (ID initiated), or the outside of the pipe (OD initiated), or both acting in combination. Impact assessment (based on safety, public risk and economics) and corrosion risk assessment (based on soil resistivity, drainage, material and cathodic protection/coating) were initially completed to determine an inspection priority (high, medium, low). The prioritization is determined by the use of a risk matrix that rates the likelihood of failure against the consequences of failure for a given system, structure, or component (SSC) location. Since radiological SSCs were by definition considered high risk, these were further risk ranked relative to one another and characterized as high-high, high-medium, or high-low risk.

The required inspections are selected depending upon the risk ranking. Those components and structures ranked the highest will be addressed with a higher priority and will be examined more extensively. The components and structures ranked in the medium and lowest category may be candidates for initial deferral.

As there are currently no industry guidelines for determining and achieving "Reasonable Assurance (RA) of Integrity" for inspected SSCs, Entergy in coordination with Exelon developed RA guidelines (Reference 9) that will be complied with by both companies. The guidelines emphasize that "Assurance of Integrity" in underground commodities is obtained when a combination of a Fitness-for-Service engineering evaluation, indirect inspections, direct examinations, and remediation, if necessary, is performed. Such a combination of activities will provide a high level of confidence that the structural and/or leakage integrity of the underground SSCs will be maintained.

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The RA guidelines establish methods for grouping of similarly designed and constructed piping lines and then prioritizing them for inspection. The RA guidelines provide minimum requirements for indirect inspection and direct examination of piping as well as post assessment techniques to establish Reasonable Assurance of Integrity.

The Entergy-Exelon guidelines for RA are currently being reviewed by an EPRI Technical Advisory Group (TAG), of which Entergy is a member, for use across the industry and for inclusion in the upcoming revision to NEI 09-14.

H. INSPECTION STRATEGY AND METHODOLOGIES

Detailed descriptions and discussions have been provided for the various available inspection/examination techniques and tools for buried piping and tanks. These can be found in EPRI Report IR-2010-409 (Reference 12). Specific recommended Inspection/examination methodologies for buried pipes and tanks are summarized herein.

Preferred Inspection Methodologies for Piping

Option 1: Use of Internal Direct Examination Pig

In-line pipeline examination provides the most accurate means of mapping the wall's thickness condition. As a result the use of in-line examination plays an important role in developing reasonable assurance of integrity.

These instrumented vehicles (called pigs) require access and possibly exit points in the piping system to enable deployment. Additionally, the deployment of the vehicle is best suited to certain piping configurations that should be assessed and determined prior to use of this method (Reference 12).

Option 2: Use of Guided Wave Indirect Inspection

The guided wave approach provides rapid assessment of wall loss over relatively long runs of pipe. The guided wave inspection may be performed without taking the process pipe out-of-service. The guided wave inspection is limited to approximately 50 feet of pipe in either direction, and is limited to detecting pits and remaining wall thickness. Readings beyond a flange cannot be performed and elbows reduce the effectiveness of the signal. Guided wave techniques are described in EPRI Report 1019115, "Buried Pipe Guided Wave Examination Reference Document" (Reference 13).

The guided wave technique has value for inspecting piping near penetrations to buildings.

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The locations for performing inspection will be based on the results of a soil survey to determine the most adverse locations, together with above grade survey to detect potential coating damage, to determine inspection locations.

At inspection locations, local NDE of the pipe shall be performed together with quided wave inspection.

Option 3: Use of Local Pipe Direct Examination NDE

Pipe direct examination NDE utilizes direct measurement at exposed sections of the pipe. The locations for performing examinations will be based on the results of a soil survey to determine the most adverse locations, together with above grade survey, to detect potential coating damage to determine examination locations.

Pipe Line Grouping

Grouping of pipes for inspection is recommended in order to reduce the overall inspection cost and duration. Pipes can be grouped based on attributes such as pipe material, coating type, soil/backfill, age, operating parameters, size, process fluid, cathodic protection, and others. The specific grouping parameters will depend on the specific features of the components. The grouping of pipes with similar attributes may allow the results of the inspection to be extrapolated from one pipe to the others in the group, therefore reducing the number of excavations and cost. Completed direct examinations and results may be able to be applied to the entire underground line and to other pipes in the grouping. The Fitness for-Service Engineering Evaluation will be able to use this information to calculate remaining life and the time until the next scheduled inspection.

Guidelines relative to grouping for inspection are outlined within Attachment B of Reference 9. "Fleet Guidance for the Determination of Reasonable Assurance for Structural and/or Leakage Integrity for High Risk Underground Piping".

8 groups were identified for the site:

GROUP	GROUP SELECTION ATTRIBUTES
A	Carbon steel pipe, coated and wrapped
В	Stainless steel pipe, coated and wrapped
C	Carbon steel pipe, coated and wrapped, cement ID lined
D	Carbon steel pipe, in concrete, no coating
poor Boar Boar	Steel pipe, carbon steel outer guard pipe
F	Copper tubing/piping
G	Carbon steel pipe, insulated, no coating
Н	Other

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Pipe Line Inspection Locations

Excavations should be performed to maximize the potential to obtain information for the subject pipe and for other pipes that can be exposed in the same excavation. Several pipes being excavated in one location is preferred, but not required. Excavations shall be large enough such that a direct examination shall assess a minimum 10 feet length of pipe, if feasible. Inspection locations should be selected considering the risk ranking criteria and other information such as:

- Results of risk ranking. Inspections should be distributed among the higher ranked locations.
- Locations where piping goes through penetrations into vaults or other structures. This includes pipe that is both encased and not encased in concrete.
- Locations where the pipe enters or exits the soil.
- Locations of dissimilar materials in contact without use of insulating kits.
- · Locations where the pipe enters or exits water.
- · Results of ID visual examinations.
- Results of CP surveys and coating surveys. Select locations where CP and coating surveys cannot be performed or are questionable.
- Results of any remote inspections that have been performed.
- · Plant or industry operating experience.
- · Trending of past inspection results.
- Opportunistic inspections during maintenance activities (e.g., open valves).
- Cost and access can be considered when the risk rankings are similar.

The inspection and examination to be performed on an underground pipe or tank should be defined based on the expectation of susceptibility and the risk ranking results. The decision and basis for the decision on for inspections and examinations should be documented.

Specific guidelines for Inspection of buried piping are outlined within Attachment B of Reference 9, "Fleet Guidance for the Determination of Reasonable Assurance for Structural and/or Leakage Integrity for High Risk Underground Piping".

A Component Inspection Data Sheet (Appendix B) will be completed for each component to be inspected and attached to the associated work order.

Preferred Inspection of Tanks

Tank inspection should be performed on a prescribed inspection schedule as outlined in a PM, or as required by existing plant or state programs. The tank inspection should address the wall thickness and utilize inspection data to

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determine corrosion rate. Inspection methodologies are outlined within Reference 12.

Strategy for Exterior Building and Storm Drains

Relative to reasonable assurance of integrity of exterior building and storm drains, the inspection strategy should be performed as a plant facilities' action to inspect for clogging, debris, and basic functionality. Establishing basic functionality of storm drains is important since the design of such systems, often utilizing bell and spigot concrete or cast ductile iron pipe, can be susceptible to leakage as a result of joint separation from settlement or soil erosion undermining the support of the pipe.

The site will establish a PM frequency for this SSC. As an example, an initial inspection frequency can be established and adjusted based on the results of inspection for continuity. If the pipe has been in place for a number of years and has not be subjected to ground surface disturbances, then a longer inspection period beyond the initial inspection could be warranted and justified. Drainage piping subject to local vicinity excavation from site construction activities, haul path loading, or soil erosion (as examples), may warrant a shorter inspection period to ensure continuity of flow. PM frequency to ensure flow path (removing any clogging from site debris) may be warranted on a shorter cycle to that for establishing continuity, based on specific site conditions.

Mitigation and leak management strategies should be implemented if the drains are found to be leaking or severely degraded.

Strategy for In-Building Floor Drains

In-building floor drains located at the lower elevations of buildings and structures, and accessible and inaccessible tunnels and vaults are typically embedded within the structures concrete and have soil on the outside of the structure or in direct contact with the soil.

Relative to reasonable assurance of integrity of interior floor drains, the strategy should be performed to inspect for clogging, debris, and ensure basic continuity and functionality. Provided the interior floor drains are protected with a floor grate, the potential for repeat clogging is effectively eliminated. For floor drains embedded within the structures concrete, the assurance of integrity inspection should be considered as a one-time requirement. For floor drains touching soil (i.e. with potential for exterior corrosion), a repeat inspection is required. A 5-year cycle is recommended for this PM, unless justification of a longer inspection cycle is provided.

Appropriate mitigation and leak management strategies shall be implemented if the floor drains are found to be leaking or severely degraded. Such mitigation strategies may include sealing of the floor drain and implementing an alternate drainage scheme, or repair.

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Strategy for Cathodic Protection

An effective cathodic protection system is essential to minimize underground piping corrosion. However, most Entergy plant's cathodic protection systems were initially installed during plant construction and were rarely maintained, and in some cases abandoned thereafter rendering the systems incapable of providing the needed corrosion protection. In addition, many site modifications rendering the underground piping network even more complex were implemented since initial plant construction without evaluating the required potential updates to the system. Therefore, it is recommended to conduct an Area Potential and Earth Current (APEC) Survey to analyze and implement needed improvements to the corrosion control (coatings) and cathodic protection effectiveness of the station.

Once the system modifications are implemented, the system will be maintained via recurring PMs based on vendor recommendations.

I. OPERATING EXPERIENCE (OE)

The Underground Piping and Tanks Engineering Team examined operating experience via condition report LO-HQNLO-2008-15. This CR examined Entergy, nuclear industry, and petro-chemical industry events relating to underground and buried piping. Each site subsequently proposed inspection locations to verify underground/buried equipment fidelity (e.g. LO-HQNLO-2008-15 CA 387 through 395).

For this inspection plan, the OE lessons-learned examined are summarized below in the form of inspection goals (e.g., items to consider when making detailed inspection procedures) and inspection criteria. In general, LO-HQNLO-2008-15 revealed that most underground and buried piping failures dealt primarily with legacy issues (e.g., equipment not being originally installed, operated, or maintained properly) and not pipeline aging per se. By using this insight, smarter inspection goals and criteria have been developed for use in inspection procedures.

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Table 1 - Inspection Goals

Goal	Basis	Reference
Aftempt to select final inspection site that reveals buried pipe penetrations into buildings or complex installations.	OE revealed that building penetration challenged pipe integrity.	OE30462
Determine if available cathodic protection has been operated properly prior to performing inspection. This includes proper voltages, run time, and periodic maintenance.	OE has revealed that many cathodic protection systems are improperly installed or improperly operated. Making this determination prior to excavation can prepare the inspection team for needed corrective action and operability contingencies.	OE28063 OE27897 CR-PNP-2007-21 OE7067 CR-ANO-C-2008- 1734
3. Be alert for potential mechanical sneak circuits (e.g. piping failures caused by more than one stressor, or a not-so-obvious stressor) that may exist in the inspection path. These include: Previous leakage events that change underground soil conditions and create failures in adjacent equipment. Improper material pairing (e.g. aiuminum on concrete base causing external corrosion) Potential stray current effects from nearby equipment impacting failed equipment. External inspection of line with high internal stressors such as FAC (condensate return to condenser). Improper construction of protective trenches leading to barrier breach after line failure.	Approximately 35% of events in LO-HQNLO-2008-00015 were caused by multiple stressors that defeated inplace barriers. These events can be characterized as: 1. Proximity failures (one event causing damage to adjacent equipment. This could be one leak that causes another leak or stray current). 2. Bypass events (evaporation and subsequent condensation outside the barrier, moat/drain cleanliness issues leading to defeated barrier, internal versus external corrosion as the main driver). Note that Design, Construction, Ops, and Maintenance activities have initiated events.	OE 5305 OE12844 OE13794 OE14132 OE15323 OE21958 OE25092 OE25410 OE26571 OE29733 OE30462 OE30589 OE31178 OE31269 SER 4-81 DOT experience

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Goal	Basis	Reference
Utilize underground construction photographs (if available).	Such photographs can provide insights on potential failure locations and help prepare for contingency planning.	OE30589
Examine line history and operating events that may provide equipment integrity insights.	Some OE shows that lines may have been used in multiple ways and/or have significantly deviated from normal operation. These deltas could cause unexpected line integrity performance.	OE13794 OE12844 OE21958 OE15323
Consider soil pH measurements at several depths.	Soil can experience surface contamination from salt and other chemicals. Taking pH measurements at several depths can help determine the potential for change.	OE12844 OE13794 License Renewal RAis
Consider water table changes and impact on corrosion rates.	Soil chemistry changes (depending on soil moisture content) and corrosion rates can significantly increase with intermittent wetting and drying.	Corrosion Principles + Water Table profiles.

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Table 2 - Generic Inspection Criteria

Inspection Criteria	Basis	Reference
Ensure buried lines meet proper depths for adequate freeze protection. This can be accomplished by visual verification of depth, and visual verification for lack of freeze/thaw damage.	Some pipe failures have occurred from improper burial depths.	CR-IP3-2009-00584
Inspect coatings for holidays and	Some coating failures have resulted	OE9163
proper installation. Consider using License Renewal coating removal	from aging. However, most coating failures result from improper installation	OE12698
guidance from GALL Rev 2, which are	(poor backfill, improper preparation,	OE17575
based on line length and needed inspection frequencies. Examine the	poor care, not installed, or improper coating choice).	OE18596
line for both general corrosion and		OE23565
pitting corrosion, and attempt to take UT measurements (or alternate		OE25997
thickness measurements) where		OE27146
practical. The acceptance criterion for pipe operability is primarily based on		OE27897
minimum wall thickness since buried		OE29020
piping is well supported by earth. However, gross pitting or general		OE29733
corrosion may require structural analysis.		OE29126
ararysis.		OE30927
		DOT
Verify proper material installation	Improper design or construction have	OE28063
according to original and/or revised specification.	lead to improper material installation	OE16189
apacinoanori.		OE14585
Verify proper backfill according to	Course backfill has caused coating	OE27146
original and/or revised specification.	failures.	OE29126

PROGRAM INTERFACES

- IPEC Groundwater Monitoring Program per EN-CY-111
 IPEC Flow Accelerated Corrosion (FAC) Program per EN-DC-315
 IPEC Microbiological Influence Corrosion (MIC) Program per EN-DC-340 and SEP-SW-001
- IPEC Fire Protection Program per EN-DC-330

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K. APPENDICES

APPENDIX A: Piping Inspection Information
APPENDIX B: Tank Inspection Information
APPENDIX C: Sump Inspection Information
APPENDIX D: Drain Inspection Information
APPENDIX E: Cathodic Protection PM Information
APPENDIX F: Component Inspection Data Sheet (Typical)

APPENDIX G: Integrated Schedule APPENDIX H: Program Drawings

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APPENDIX A INSPECTION EXCEL SPREADSHEET

Inspection Strategy: A combination of indirect inspections and direct examinations will be performed in accordance
with the "Fleet Guidance for the Determination of Reasonable Assurance for Structural and/or Leakage Integrity for
High Risk Underground Piping" (Reference 9). The results of the indirect inspections (e.g. above ground DCVG and/or
guided wave) may cause the prescribed location above to be moved.

Describe the technique(s) that will be used and where (e.g., guided wave at wall penetrations and then coating inspection; NDE and guided wave at excavation point; above ground DCVG and then coating inspection; NDE and guided wave at excavation point). If above ground inspection is not relevant, describe contingency.

- 2. Inspection Location: e.g., 20ft south of the CST or the building
- Location Justification: Explain why the actual 10ft location is selected (e.g. access, shoring, depth, CP protection).
 Justify if any one of the uncovered lines is not being directly examined.
- 4. Excavation #: e.g., EXC1, EXC2, EXC3, etc.
- 5. In-Line Inspection #: e.g., ILI1, ILI2, ILI3, etc.

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APPENDIX A PIPING INSPECTION INFORMATION

AND AND AND ASSESSMENT OF THE PARTY OF THE P	Actual Colored States and Colore			1 15 51405 51	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(A) OLINA	* > 0~ > 0		
UNIT / SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (G/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
300000000000000000000000000000000000000	**************************************	**************************************	**************************************	C/34984	CC.227	X63	######################################	150 8	Pri Rover Women Princip 17 Descharge Princip
(528480	138110 138104	35.4	19/A	Nex	igra.	K/A	sua.	45.5	Carrier's breed stips
1.700	20.894.7	19000-9080	22.96	CIPIPES	1,000	Y8:0	61. 8-8 66.5 m	180 %	Pri Fore Water Purp 15 Operage Plang
	100104	No.	to a	NA	100	1868	194	N/A	(2000000 000000000000000000000000000000

IP2 PIPING STARTS NEXT PAGE

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8	SYSTEM	NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	SOIL?	(DEPTH)	LENGTH	DESCRIPTION
000000	DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
										000000000000000000000000000000000000000

2/WCPS	1.5-WCP-1	NON-RAD	N/A	B / PIPE 4	HIGH	YES	86. 12-8°	fi/A	1½ – inch Weld Channel
9 821-8918	9321-6383	10 (400 t) 10 (400 t) 10 (400 t)	N/A	N/A	88.8	3/6	K/A	N/A	
AFG	8.85% (8.1	848	N/A	81988.4	27.04				See Supplement of Control of Cont
\$3011-05048	6301, 2380 382 - 0864	1922	N/A	N/A	es.	1WA	80%	Sea	Cathodia production system to product but their system the CIST-REP Stug at the pla elevation to be australian in 1902/31.
8 - 83799	10-86W-06-	1843)	N/A	A PSPE 4	\$9 (H-1.)	YES	83 1817 (6.9)	340 %	10 inch CST quartow involution (c. 66 kg) consigning metal pipe. Statest in elitical CST to APP Bady (B), 17 (6 kg) (B), 17 (7
893 8918		W.X	N 4	W	853	NEA	100	84	
2.000	8.470/1909	1860	3/4	A/PBPE 4	49 (44 42)	98%	33. 111.01 (6.8)	828.8	
\$300 3000	1892 (-1290) 0320 (-2364	3XX	₩A	8/2	296A	NA	\$8/A	588	Contracts protection system to protect have been to those the COTAPP Beign at the pile storestors to be installed to COSS11
2 1 6898	1.6-41°0- 1508	885	1994	A/PPEZ	40 (34 44)	763	H. 11-01 Ø 9)	320 K	15-aren Urar 1508, CST Supply to AFW Primpa fusifion, Graded Wave respection (Sept. 2008) Indicated potential moderal controlon 644.
			······································	NA.	23.4		÷		<u> </u>
., (80)	3501	940	Fores.	8 (998)	\$8 (1488)	80	81.67 67 50 82 0.55 6.88	28.8	2008 VIII) Non 172 173
1.682603	128635 138853	Sela	1894	N/A	16/8	38/4	8/A	N/A	n Succe Pipe
9:11,900	\$4,00-1	FIRS.	16/4	g/PiPgs	50 (444)	{ ₩ >	EL 641 (776)	3035.8	2-broh Wester Ineraliar Line Inter (P2 to V

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UNIT/ SYSTEM	LINE NUMBER	RAD/NON- FIAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
									Pressurization time
16827-6728	6.625-22366 9523-2533	19.8	NA	NA .	ten	bis.	8/A	N/A	
	89-730-91	2474-3440	WA	4.799	44544	YES	60 (P. See Suctioning of the control of
9001-0000	98021-31386	80 V80,00	N/A	14.8	1974	507.8	N/A	10.8	
BY OW	******	88084-61436	1596	文/P部行4)+0(px)	783	80 (30 3° 6 18 370° (40 3° 60 123)	28.0	21 DWF dischange piping from transders ic 96-cpt. dis, piping to cardionae inter witartics. «Coded histor and rea wilcom tra construit subsesses hist order was it.
9303-38388	9323-1106 9321-2008	66 YUSHAL	100%	8/4	N/A	N/A	bua.	8g/A	
2:52	94 (386) 22	86.39.4843	b/A	\$199ga	MGH	Y88:	83, 6 6 30 1 - 3 (8 3 to 13 8 10	200.9	22 CWP decisions to be remarked to deliver GC paging. (Coded inside and had will con- tar examely access his coder access
4353-2698	3001-1166 1821-0009	80 V38,444	10/4	1974	NA	N/A	883	WA	
830%	56.CXC.27	94099440	N/A	8 7 89 89 8 , 8	89634	Y835	111. (3 T-C) 36 St. 3-6 (38-37 St. 17)	28.8	82 OWP dechange being have transition to 96-each die piglag in bestiegen hiet waterbeit, (Charled worde and out to blook to decree), anbesties leit outer anap
- 350x8 x - 2603x6	53321+11696 93331-24838	10 MSUAL	N/A	N/A	NA	828	N/A	899	
22.000	84 (39/8-23	98 90 9 40	NA	4 (20%)	1800	¥83		201.2	STOWN AND THE STORY AND THE ST
3883 8880	3333.2338	IO YISUAL	N/4	38/4	WA.	192	NA	30.6	
1274060	36-OX0-33	390% (A)	18/8	27FFE 4	+834	Yes	81. (5) F131 52 (5), 51-61 (16) (7) to 121)	25.8	23 CMP decharge peng from francision to 98-insh sise piping to pendensee mid eatsetose. (Coased make and but so upod so premise) addedtes to the outer wood s
3001-2036	0.323 - 5.103	60 Y880A.	8/4	1		······································	- XX	375	:

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UNIT/ SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
*************	98821-08033	***************************************	***************************************	pr		***************************************	·		<u> </u>
27.534	84-CW8-38	808-880	ŧ¥λ	6/PIPE 4	HIG3H	Y88	63, 6-6 to 1-8 6-5 to 13-6	200 8	ST CWP decharge up to balletion in 36 mon CO pigong. Charled reliable and out will coll face money automates fell color wraps
50000000		60 V 80A6	1278	1478	N/A	Sera	N/A	1978	
93-365	88-CW8-38	NON 40.6	86.8	A FREE I	118331	V835	13. 0, 137 8 (1. 2-7 18 (1. 8-12)	28/11	24 CMP descharge piping from standblab to 96 men dia piping te bolisselele filial waterbox. (Created invoice and but will book ter promise) pakestras foli outer wrood
\$48027 (\$5038)	9001-1106	SV VISCAL	N/A	N/A	3878	19/A	N/A	N/A	
2:139	84-130/3-20	9s()%-88 s ()	N/A	4789914	## (#3	Y83	(8.5 to 13.8	2001	23 TWP doctorys or to handler in 19 hot. TW party. (Construction and out out one or a const. (Construction Section 2009)
9321-2028		10 1/80 140	1678	34/8	844	1018	N/A	323	
T. Since	36 090 60	Telescopes estados	1928	A/PPE:	: 183314	YES	88, 19 1931 30 80 35 0 (18 37 80 357)	385 K	25 Cod? dearly pping from transforcto 98-both die geping to nordeneer mich waterburk. (Coated made and roll will cost les enternici sathesbas felt outbrillers wrosj?
8000 0088	80903+1108 9821-0008	ili Vidula.	1v/4	34/4	nv.k	N/A	39/4	86.4	
	84 (38% 28	1404,4343	N/A	A/999E4	1803	Y8\$	31 6 5 5 31 5 5 48 5 6 15 3	2324	26 CWP discriptings up to recession to 16 years OD paring. (Coalect inside and out or coal for creamer, application for outer smap)
9321-20031	3001.200	KI VISUAL	***************************************		***************************************				
		PON EXÓ	18/4	A/1983	140315	¥\$53	60, (3 153 36 60, 350 (1853) 65 100	28.8	26 DWP decrearge paging from sensition to 98 knoth dispepting to consense a feet washbee. (Coated made and ruf whole the enemies assessed feet owers wraps
8303-2090	3524-1166 9321-6386	10 VISUAL	iwa.	\$4/A	N/A	NA	N/A	14/4	
	•	8000.000	13/8	479987	16004	2777		6	18 40 17 18 18 18 18 18 18 18 18 18 18 18 18 18

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UNIT/ SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
	23.3	Sisa	N/A	N/A	84	NA	362	10.0	
		3.3.53	**************************************	4 1283	HOR		***************************************	}	10 Feeth City Water Freeder
19033000	1:380317 3021-0217	AÇÜA.	N/A	N/A	1894	N/A	te/A	NΑ	
	3.079883	2009-040	NA	2/8984	19832	Y88		84.5	Const. City Wasser Law (1975) Engel Egyptonic Transaction Value Association
19819189	138037 9321 2037	3/8	NA	NA.	94.4	N/A	908	NA	
223798	3-72735-8-2	74(3)3-34(4)	N/A	A / 89% A	89 3 89	Y83	EL 10-6 EL 10-6 (50-73-8)	3,754	A wich City Water Love 1619 to AFP Busting (Yard pignog)
198604	1383087 2001 (2007)	22.4	N/A	N/A	38/4	NA.	Stra	N/A	
2 - 82 63	9800900	5838-943	N:A	A / 939 E: A	950,334	¥\$25	33. 76° 27 31° 38°	2015 (3.15206)	
9301-2086	X32 - 2230	133	N/A	NA	39/4	N/A	398	N/A	
x/806	4.8000000	19000000	N/A	A/8888.a	1975	Y63	85 85.87 (c. 1.8)	69 ti (8 EG/G8)	ESPA FLAG CORPS Care — 6* Line is foss than 1.8 between concepts seets and the has shallow early seven
8001-2030	3838 - 4389	1014	N/A	N/A	18/4	NA	44.0	NA	Expense commenced to the term is included to the term incoming the later cont
	4-60039000	18(30-1840)	N/A	A / P1990 4	MGH	Y£3	E. 78 9	90.5 11.80.Ges	Line is the first of the constraints and the constraints are constraints and the constraints and the constraints are constraints are constraints and the constraints are constraints are constraints are constraints are constraints are constraints are constraints and constraints are constraints a
10011-0030	9331-3236	1474	16/2	N/A	1978	N/A	4/3	364	
27828	86.50 88.60,600 - 1	********	1976	A7PPS s	Pelitik	YES	EL 75 (1944 CRO) (1.41)	30.6 (8.80%)	EDG FORT talk boarses - step. (Acuses part, burse retains, etc.) As lank convertions percetolog the sigh are took show it tong, and have a shower step.
H081-2000	9307-7090	2.74	AVA.	NA.	N/A	N/A	150	N/A	As commentation to the tests are the stand in the test area pro-

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UNIT/ SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
21%	1.6-14-1184	NC49-PAQ	N/A	A / PSPE 4	F95394	A88	17.8	340 X	10 cub là Suggir la Bigae Shuchus
	883-233		16/A	36/8	3.6			362	
2:44	2-14-2	6004940	- R6/46	AYPERM	14631	YES	EL 0567	216	Sinch la Supply to the Yankat'l' (1945
•••••		······································	555A	8/4				36/4	••••••••••••••••••••••••••••••••••••••
	2182		38/8	A/P#864	34833	7000			IA Stores to VC
27.000	2000;:15	1604-640	N/A	C7 P8PE 4	ádiCix)	YES	81.586 81.197 014.788	8.9	21 SWP 14-exts decrarge blong in sminer pit: from floor poweration to 24-exts manifek
180800100000	930: 31:00 90:01 (2:00	1974	\$PA	WA	39/6	N/A	1976	N/A	Comercianos, contros ateat pipa
37.000	2.300,20.14	99 94 (948)	394	C (\$969) 4	300(20)	¥83	85. 5 Ø 16 86. 7 97 19 80 Ø 70 N	4.9	
140:81-91930	8327 2108 8007 2107	\$3:94	N/A	φA	N/A	N/A	89.6	κA	Conert level, certical street page
27.686	2-300000 re- 3	38084860	N/34-	C / 39998: 4	HKGBI	YES	83. 8 89 83 83. 7 67 83. 8 75 83	8.8	33 3997 to bett decrearge pipaig in amorier pat from Norw pronotration to 24 inch marriers
Start-smatt	332.218	N/4.	58/A	sya,	N/A	NA	8/4	802	Camera linea, certapri atera pipa
57.98 4	23902474	NG86-RAD	N/A	C1888E4	high	YES	81. Y W	9.8	
9323-2728	93333 2358 36323 2353	14/4	37.8	8/A	164	N/A	N/A	8/8	Comerciones contra steas pape
127388	23W20144	4039-840	. WA-	O FRIPE 4	830394	Y88	83. 878 % 83. 170 (3.50 4.75 %)	4.5	SS SWP 14 inch doctorge piping in almost pa, from their penaltation to 24 inch matrices
932:-6202	9001-2106 10021-2107	1/4	N/A	SUA	N/A	Serie.	N/A	30/A	Correct feed, corton steed pipe
373 8 8	0-84000-4-	3003300	46.0	678984	886881	988	EL 10	4.8	28 328 14 to 1 to 100 pe (410) in this is pe (410) in the control of the control
3324.27.2	3001 2700			***************************************		***************************************	***************************************	·····	Control based, control stood pages

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UNIT / SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
	3000			•••••			<u> </u>		
2 899	2 500 3500 26 1	15000000	N/A	C73989814	нж	Y8.5	61.75 m	(1.8.8	23.2003 SWP dechage marked (24 inch)
30000 20002	90210106 93214107	1972	N/A	N/A	34/34	MUA.	867%	N/A	Cement (mor), certion steel (i)pe
27889	2 302 MAN	40%-RAG	1978	C/P#E3	NOH	Y83	EX. 1107 14.75 m	11.8.8	262555 527 000000 000000 (5000)
982:-2722	9321 2110 33321 3337	8/4	393	323	8/4	88/4	N/X	79/4	Correct breat contract stock page
3 440	9 68% CW W	90090 (SAC)	1674	C / PIPE 4	140324	VIII)	EL SF 10 EL 1-0 (2-15-4-15-4)	4.00	8 inch vertical breach of SW Late 400 for Circ Water Peop coverig
\$881-0720	93331-2153 3381-2162	19.4	3434	NEX:	12-4	2004	8/2	N/A	Comerc Small content steed yeter
33.884	26WCW0	86384-9(86)	19.4	079984	1830	VE3	83, 537 SS 83, 7 SS 83, 4 25 SS	411	Becchiversed breach of SW Late 400 for Con Water Pragnissions
982:-8728	9001-2108 9001-0107	(4.A	N/A	N/A	884	7974	WA	N/A	Corners Street, currous street provi
-33 888	24-542-466	790% (1895)	:19:A	KG / PMPE: 4	28 0 21	783	831347 (14.8)	38 1	SW Main Supply Header Line 498 From Geotorge mandest, not coast to the 199 90 day han math to end of the 8 EL 1101
90010000	100000000000000000000000000000000000000	\$1100.000 \$110	N/A	N/A	26/4	37.8	\$\@A	N/A	Compatible of control seed size
27300	24 500 400	14071-7440	N/A	C/P9984	MGH	YES	88, 3142 418 89	100.8	
	9021075	XX.	1374	8374	N/A	%A		18.4	100100000000000000000000000000000000000
\$139W	24-896-496	MCRN-FARD	N/A	0/8986	*8694	Y88.	81.8-6 (3.8 - 7 ft)	800 N	Stof Muon Supply Header Love 40% Vertical resoften 61. 11-07 to 61. 8-61, con- inger Et. 8-61 to Et. 11-07 (NE connected 18)
1384+3799	9324-9238 8324-9750	V 103 (40) 32 (40) (40)	WEST WALL OF TURB BLDG	EXPANCED EXCAVATION DIAMONICA SESSALLATEN	EXCSS	NO	2:20:2	8974	Comment liness, cardiom related paper State dissipation for EXCE-2 in Approvides H
\$7.33¥	24-840-600	98309-BAO	Vλ	C/PIPE 4	185311	Y835	85. 8 e 19.8 - 7 ft	98.8	

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***********	3,3358 NE3M89833	8143) / NOS	SEGMENT SUMBER	FIFE GROUP?	885K 83434746 (893)	**************************************	ELEVABON (DEFTH)	LENGTH	DESCRIPTION
******************************	BRANNE OYNER WWW.	******************************	33586C3 LOC 57933	LOCATION JUSTIFICATION	EXCAVATION NUMBER	393-C.3938; 39333-2	(CNAKAA) BOMERBITE	FUNCING SOURCE	288CELLAREDUS NOTES
983 6732	3001-3036 2321-8716	(898) (893) (893)	98881 WALL GR 11883 8LDG	EXPANSION EXCAVATION DURING MOD MODAL ATOM	88020	383	28018	844	Consent Broot, resistant shoot paper Sees dealering for ESCO 2 in Appendix H
-27 888	24-399-303	510000 5000	###	C / M896. 4	HESH	Y88	81., 187-87 (7 v. 8 d. 11)	210 X	SW Moon Eugage Header Lane 408. Support his three NE context of Tib, 83., 11°-07 to 61., 12°-07 watcook date about external well as the PAR in Yant.
\$40 C C C C C C C C C C C C C C C C C C C	6.000 2.234 V32 - 0.360	9.53	3374	18-A.	N/A	N/A	AVA.	N/A	Cemora Shoo, carbon steel poor
22394	24.000-000	N. 35 - FEN. 3	99.8	C/PPE4	145321	788	33, 32'8' (7 - 5.5.5)		DAY felain Supply Header Line 6/50 Stepact ner feros NE corner of FE, EL, 17/7 to EL, 12/4", sentical row along entertral real of the FEE or hand
887.2782	9021-0238 9303-2700	37.4	WA.	N/A	NA	444	N/A	19/4	Control lead, cation was pipe
2.088	34-896-408	12(0% \$5%)	33/34	C:/3999E4	3180389	YES	E1 (12-6) (8-6-19)	13638	SW Robert (inc 405 to Chemorya Consc Portate of Ed. 12-11
9888-78788	\$1000 40000 38001-30000	5335	N/A	N/A	864	N/A	N/A	303	Comercial control deal pain
	24-539-405	908-84C	70.8	C/P89E4	14KQ83	YES	53 157 67 25 5 83	40.5	SW Return Lyon ACS to Discourse Constitution of the State
9821-8732	9321-2399	9978	tva.	N/A	N/A	WA.	NA.	384	Certaint level, railtion shoot pigo.
27.900	10-358-483	80% 8A0	13.4	0.46863	18GB	YES	61. 17 Z - X: 10°)	3808	10-muh SW Seturn Line 463 trom EDGe to Line 455
31801-2783	9821-0208 808(3-2008)	Syric	N/A	N/X	1597.6	N/A	868	88/4	Content bood, podeox stool pipe
\$: 33 X	3.500 1750	NC89-840	14/4	C / P845 4	18-911	YES	9.60	196 k	1 (000) (000 (0.000) (000 (000 (000 000) (000 000) (000 (000 000) (000 000) (000 (000 000) (000 000) (000 000)
8887-2783		200	N/A	NA	89.6	N/4	3//4	19:4	1.000 00 00 00 00 00 00 00 00 00 00 00 00
8 / 887	3.375.1755	304.940	N/A	C/99934	MGM	YES	81. 33 G	140 8	3-966-098 (signify) (86-170) (signif (86-400) 6-18-00-688
8321-8708	3821-0501 3321-2206	1972	16.4	N/A	1975	N/A	18/A	36.5	Demont tricu, continu ideal pique

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UNIT/ SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
	9321-2700			T			I		
2 - 800	3 9W 1703	308(38)	N/A	C7398864	116,91	YES	83., 3934 (6.8)	138.8	
9.21.2722	6001-2101 9021-6206 6001-2700	WA	884	103	NA	BMA	N/A	12/A	Corners breat currons seed paper
**************************************	10.00	P1(21)-F181)	WA.	C/P/PE4	HOH	Y85	\$1\$-\text{30.15}	56.8	10-biol: 597 Siggley Line 410 to 118 from Line 400 Ja vateo ph
***************	\$103.2700	**************************************	NX.	NA.	**************************************	34/4	30 to N/A	18-A	5.00 - 0.000 0.00 Control tours, carbon association
2 : 33%	117-1392-4310 2	NUX1-78403	WA	079984	10.31	¥353	61, 5-0 130 fs	48.8	
9001-0700	3827-3837	782	17/A	18-8	N/A	~~~	·	8/8	Control to an orange of the control
27546	19-3W-410 3	SECAL SAID	1978	O CPSPNIA	1668	7888	H1 8 10*	354.81	10 Biolo SSV Supply to 18 from Vision Pil Vi Sin Tretine Building
3325,6256	58810887	3,74	l los	8/8	N/A			N/A	Comercial interconstruction of the comercial interc
27.00	10.500	(800) (80)	* 4	C/PRPE 4	18001	Y835	10.00	30.8	1 10 8 0 1 39
80000	1000		N/A	••••••••••••••••••••••••••••••••••••••	1998	377	5004	8/8	
157 SW	18.659	202-836	56.04	0789883	110.324	Y83	83. 6 47 7 10 16	35.7	16 / 93 (93 (3.6)) (3.6) (3.7) (3.7) (4.7) (3.6) (3.6) (3.7) (3.7) (4.7)
	9323-2700		<u> </u>		N/A	XX]		Camera and camera state pass
0013884	18.600	NON-RAD	88.8	17 (\$19%) 2	1115384	Y83	83. 8 HC (8.8)	36.8	The Control of the Co
	9321.6997	5,4		4/2	1 WA	30.0		1998	
0.1 QXW	:0-CYY8-3	NO25-8A6	1 422	4 (8188) 3	888338383	***************************************	<u> </u>	<u></u>	Yang Coleydo FP Dawley
1907(00)	9324-4000	(N/8-111.11	824	\$	28.28.38	(<u></u>	1	***************************************
	10.0389-0	1	<u> </u>		5833788.558		1 2/4	<u> </u>	You Count P Books
		100 A	<u></u>	<u></u>	1908	N/X	***************************************		
	3-0222	1999-1990	<u>N</u> A	<u> </u>	MECHAN	Y88	·		\$200 3 2000 \$7 \$200000 \$200 \$2000 \$7 \$200000
***************************************	9301-4006	36.0		<u> </u>	1864	1975	(4) (4)		
		<u>808,880</u>		A/PPE 1	METHEN				<u></u>
138888	9321-838				i ka		<u></u>		
		1 1809: PAG		<u>A (256.3</u>	SEDUM	YE3		ļ	Yest Gleich FF Branch
			***************************************) //A 2 (2022) (2022)	N/A 7933	÷	1 100	4
·····	*************	,	<i></i>	**************************************	8832838		********	4	
13000	9321-4336	: 8y4	19.8	1 26/4	102	1995) 30A	1

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APPENDIX A PIPING INSPECTION INFORMATION

UNIT / SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
0.000	185392-1	28(20,4141)	39/4	AZPIPEZ	140000,84	Y8£3	·····		10 inch PP More Stades
1967/1961	560011 - 40XXI	34.45	N/A	Nys 6	N/A	80A	N/A	NA	
27.339	10-838-5	(0.000-800)	32.6	A / P(P)E A	MEDIAM	Y£3			to extrict Main teader
327781	9001-4009	44	398	398		100	1004	1978	
2.734	8-82-1	(9/25/48/81)	1974	A/PIPE A	1,048	Y83	81. 1056° (8.516)	186 8	3 mch Stasion Air Line to PAB
\$3335 \$3335	9001-2113 9321-0233	1673.	N/A	N/A	\$28.	\$87.A	N/A	39.8	
27.8A	3-856-2	3403934403	KVA.	A / PIPE 6	UOW.	Y88	10.00	36.4	Ziroz Station An Line to Intele Structure
9957 6 22883	9323 F 21133 9323 2296	525	NA	N/A	W.A	12.8	NA	N/A	

IP3 PIPING STARTS NEXT PAGE

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UNIT/ SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES

73.533	18/88/1874	SAC	\$2A	878988	88 (H-M)	YES	8.747 88	24 8	HYGT supply to Cort, Opray Porty exercise. Largitist. From ground personality of term table, 180 day ellow and beginned the before grade at \$3, 74 (apreco.)
: 0388: - 8: - 2286:3	50036-F- 20031-0 50026-F- 50036-8	WA.	b/A	lwa.	N/A	NO	3WA	N/A	
	12/88/1817	Hell	WA	8/8953	63 (14-36)	YEE	6078 fb 6049 (8.8)	388	Fig. 24 (september 2015) And Fig. (2015) Fig. 24 (september 2015) And Fig. (2015)
1832 F F	86313 86313 86314 96333	N/A	tVA	10.8	ivā.	Na	18.8	WA	
37.66	13-63-181-3	(343)	3//4	8/29254	89 (1+48)	¥8:3	\$5. AV	84 %	FWST supply to Dent. Spray Pump suction, One 100 - Run of paling in southerly direction toward WFBT Fit, @ EL, 48 September
0880 Fr 23585	60609 F 260610 60603 F 260621	CHERRY SESSUAL DEMESSION A SERVICE	NA	Paga PAR coult. Pigus	6XC10	3884	Nex	fest	See EXC) O dooring in Appendix H
	20.30.455.4	ika):	N/A	8/8864	39 (11 (4)	YES	83. 47.87 (8.8.8)	83.11	
	36 3 1 5 36 3 1 5 36 3 2 5	Service Control	ķλ	Paga Pilit mus. Pigas	EXCLO	16/8	N/A	8×4	Son EXC1 & desiring in Apparetix H
3.48	16-68-116-1	200.G	4/A	8788E3	59 (8-34)	YES	8.740 88	20:40	RVSST supply to 51 Promp suction, Unit 15th. Frum ground paratrotton, 90 deg elbert und bersechtst zur beleitigsade al. III., 74 (00500a.)
3882 C F4 127350 3	9023-6 2633-3 9023-7	29.94	WA.	WA.	25/56 j	N/A	26/2	N/A	

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UNIT/ SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
***********	26323							*****************	
9+35	16-39-1550	994)	los.	8/2284	30,7466	YES	83. 78 W 61. 49 73.60	18 8	Segret Control (1997)
3021 4 1722 8	1601 F 1601 F 1601 F	90.8	39/4	78/4	NA	86/8	8/4	NVA.	
378	16-51-156-1	3883	39/8	87 PBPE 4	255 (1844);	YES	1348 (3.1%	150 M	FBAST sugger to SE Franç soutror. Line 156. Fast of pipelig at abotherly chariforn boson of 264-31 PR G EE, 487 (approx).
98381-F- 123558	36081-31- 03031-3 90813-31- 08/300	0848604 9356343 5384603736 5384633	NOA	High: PRI, 1908. Pipes	EXCES	1978	36.4	84A	See EXC3 3 drawing in Aspecials H
978	19 59 196 4	38,630	Nia	8/2996-4	89 (99-82)	Y88	8), 47-91 (6.8-8)	918	To accomply the property of the property of the control of the con
8 (2 1 F) 1 (6 (8)	9 (9 1 3 1 9 (9 1 3 1	1988 (118 1988 (118	NUA	High PRI, min Pipes	EXCES	399	6/4	N/A	See EXC) -3 density in Apparella H
8 / 199	6-WH-2783-1	880	12/A	8789864	28 (24 M)	VES	817958* (0.85	53.6	6-each PROSE Countries Line 1502 to York 17. Prices ground perfectation, 93 days above and behavioral purposes grade at EE, 74f (30)303x13
98.9 (19 ¹) \$750.8	9893 4 9853 3 8923 4 895 808	16 35	3976	3874	\$VA	428	894	N/A	
3788	0.940.252.2	Fia()	374	8779994	28 (94 52)	YES	61, 74 to 61, 43 35 to	28: ft	
98271-P- 278682	2021 2021 2021	WA.	N/A	198	888	1848	14/9	94	
executive security		**************************************		B : £9££.3	56 (1+36)	788		88.8	Since PWST Overton Line (SCI) to What F

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UNIT/ SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
							(5 ft)		Run of piping in southerly direction to WHUT Pit @ EL. 49' (specox).
8000 PF 230800	200334 200334 200334	688860 9886286 89868607 8 8886677	19/A	High PSI, mod. Place	8801-8	58/A	NA	35/4	See EXC) - Secretary in Appendix (4
2 (2)	3-33-163-1	1440	N/A	879984	54 (41 84)	YES	83, 74°0" (8.5)	24.8	From ground parameters (60 day officer and from ground parameters (60 day officer and horizontal architecture grade at \$1, 741 (append)
6203 # 27568	90000 90000 90000	88.8	Park	Syre.	N/A	W4	16/4	МA	
33/88	34841844	848	3444	878884	54 (44-18)	763	EU 74 10 EU 46 (6 8)	38.3	Simple St. Purple recent to PRAST, Line 161 Segress position of Line 181 from St. 74 Septemble St. 467 (approx)
(8)(1)(8) us. (8318)(8)	93333 93333 93333 98393	/ ₩X	1874	\$4/4 ·	N/A	884	39/38	Sea	
87.63	369361-3	190	13:4	257.2988.4	24 (84-68)	¥3E3	81. 48 15 M	58. P	
8 01 F	2012		88.8	1929-PR 21-01 P\$193	880	100	3974	lo e	Sec EXC+9 (комінд із Арронохі н
3.138	3-68(-101-4	(883)	25/4	87PB 4	5.4 (84-88)	Y383	651, 437-65 (635-70	34.8	3 word St Foung serving FAVS 1, Lone 161 Pain of jacking an was larly direction toward FSS & 61, 47, 41 (append)
\$1835-\$5- 1378-\$3	3003 3003 3003 3003	688668 V688740 888868 8 888601	N/A	High PRI, med. Pipes	exc+s	¥A.	34/8	*::*	See EXC1-3 drawing in Appoints in
	10 A849	1,600	1976	A/P990-4	50-94-96	783	£1. (1)48 (7.8)	86.33	Terris CST supports APP success com TOTAL from grown personal art of the Promotoring to the personal of APP Body

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UNIT / SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
98521-8 543483	22879 22879 23879	1886 1880 X	YARO NIN CORNER CIFARR	Higo PNI	EXCSIO	NO.	\$20.83	NX	
31,040	3.0080	194.9	N/A	0.38898.8	49 (14-40)	NO.	83 48°-01' (6.8)	680.8	Supplied Collection (Supplied to Collection) Bit outcomer Floods for it.
3827.14	188638	2428	89A	\$2.8	N/A	N/A	844	NX	DS in CS wher units expert pipe.
3:4600	8-48W-1080	820	NA	A / P(\$P\$) 4	47 (944)	Y88	68. 13 Er (2.8)	86.5	e acts ASP secure to CSS case (180
6009-8 2001:08			CC 84850 88.50	140gs (PS)	531223	NO	22013	N/A	
0.75886	24,840-4	880	NΑ	6.79996.3	48 (83-58)	NO.	8.8	1725 is	2 dech Legad wasse starte from this Situ Grif 1, cut and napoest of the fit to cure r posts recent pipe.
		3434	8.4	1978	l va		1 7	NA NA	
8 - 4880	8-430-1	9900	18/4	G/PIPE 4	30,0940	98 %	EL 1214	3200 %	British Aust Steam Bre Ston P1
9/5/21 # 4/5/27	46786 16021 F 41343	N/A	N/4	98.9	8/A	NO	944	N/A	Sund pales (2010) have consided and a brief language costs as, the related to 8000
372.50	643C-381.	840	3VA	E 63 / \$15 E 4	34(32)	.90	N/A	NIA	6-bith Aux Steam Line 561 (insulated and encoped with 2-bith Aux steam for 678 in 181 pages provides heating to PNOT.
:3885-H- 46873	3000 F 3000 F 3000 F	64	N/A	N/A	\$40.5	19.8	N/A	N/A	Bream and condunium free are exclared and contained in order group pipe.
9:490	2430-678	8(4))	39/8	8983 (898 78) A	148383	960	WA	N/4	2 (SS) A 22 (2003) LOG B (C. (COUNTY) (COUNTY) 2 (SS) A 2 (A) (COUNTY A 2 (SS) A 2
36001 F	90313 90313 93213	V.	NA	37.6	623	19.4	lo/A	Na	Street and conductors from the visitand and configured in Letter (see 1) stops

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UNIT/ SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
::::::::::::::::::::::::::::::::::::::	6-48-00- 1-508-1	840	* &*	A / PBPE 4	33 (+i-4x)	!Y88	81.33.7 3033.32-87 (03:68)	-00 N	Barrer CST Overflow less to MH 3 8 4 Bergin al 60 deg ongle with hortochlar floor upprox 10 hed región 0 fili. 12 4 floor-corrigated pipe portocri
90003-F 00-(80-)	0.000 0.000 0.000 0.000 0.000 0.000	ORRESTY VEROME. STREET FA CROWNER	VAROLNY CORNER OF AFF BLDG	1963 FFFF.	6×05-3	160)	372773	Sect	Seconomy to EXCS 5 in Appendix 14
3 4/09	8-A8-W 1028-0	6940	88.4	A (\$8\$\$) 4	23 (54.85)	¥85	(6.8)	80%	
9091-9 30183				89(2) FFR	1863	48)	32313	844	Securioses de EXCOS in Appoints in
8 - 824	14-\$W31-3	00%/380	1998.	07886.4	i di isari	YES	83. 6-9 (0 63. 7-9 0 - 4-6	4.8	14 acts of SW doubleage papers, from Streener pet floor pervetration to 24-leach pump devokange manifold. Yerfacil dive section
18081-F- 50430-88	23 (23 (23 (23 (23 (23 (23 (23 (23 (23 ((N/A	19/A	3334	*(*	N/A	(4.8	Comera Smot, carbon sheet pign
3 - 8 80	14-990333-1	NOW HAG	1978	C + \$1\$ \$1. A	118314	VES	83. 1 G	4.8	
3021-8 20-03-95		N/A	193	ψx	NA	NA	14:56	N/4	Corner Street, contrar street page
37698	(4-8 4 (0))	30094-18840	698.	038984	19622-1	YES	80, 6.0° ± 80, 6' 6 00 - 4 h	3 % (1985) 3 % (1985)	14-onth (33 liv) deutrouge piping from absolver på Buor periodialien fri 28-bish pump deutrouge marifold inchalog (8) weg istore
982:-F- 80339-9-1	2323 2323 2323 2323	Pers	38/8	Q.A.	N/58.	:34/4.	1976	**	Compart terror, control street paper
3 / 339	23-33W-400	14039-3440	564	O (FIPE 4	141(374	YES	\$333747	11.5.8	85-887-94 (3013) (300 parts (300 parts) 100-940 (3010) (304 parts (300 400)
		YA.	888	WA.	**************************************	······	1	3/4	30000 100 100 100 100 100 100 100 100 10

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UNIT / SYSTEM DHAWING P&ID	LINE NUMBER DRAWING OTHER	RAD/NON- RAD INSPECT STRATEGY	SEGMENT NUMBER INSPECT LOCATION	PIPE GROUP / ITEM LOCATION JUSTIFICATION	BISK RANKING (PRI) EXCAVATION NUMBER	DIRECT SOIL? IN-LINE INSP. #	ELEVATION (DEPTH) SCHEDULE (G/YYYY)	LENGTH FUNDING SOURCE	DESCRIPTION MISCELLANEOUS NOTES
187.55%	14-806(44-)	NORAN	14.4	078884	885384	783	81. 83750 81. 376 87-46	3.71	S4-axch 31 SV2 dacharge poping, nom objective perfectation to 24-axch (xxin) dacharge markinks, kretisas sige section
(9/52) - 8- (0/586) - 9-1	9821-7 2008: 9821-7	88.	twa	\$\$\tag{4}	N/A	WA	N/A	NA	Comera boss, carbon stosi pipo
	14.804.00.1	NC#1140	16:4	0789834	143314	Y83	13. 1 D	13	
9021-8- 20-838-885		100	tirk	698	K/A	5/8	4:4	N/A	Comercian Service, contract selections
37388	146/8/86	14054-FF4Q	14/A	C/P##14	3490383	YES	81. 5 8 W 81. 7 O (0 - 4 %)	4.5 (vert) 3.5 (books.)	14 mars 30 SW decharge paper, from strainer på Roce perekteskon to 13 meh puer decharge mar stort, motodelig 60 deg edisor
80001-84- 20880-8811	3004 91688 3001 F	% 4.	N/A	BKA,	828	84.4	1976	4VA:	Certain lated, centor seed pape
27.384	24374	9034PAD	1973	CIPARES	18031	Y88	81.1-17	13.58	24 (0.11 34 35 35 34 4 4 4 4 5 5 5 5 5 5 5 5 5 5
9821-F 91333-91		1828	18:4	W.A	***	8/8	6/4	NA	Corrects tricks caption show page
3.75%	8-500-CM-1	14(29-1150)	10/A	0/9984	76QFI	¥83	**************************************	8 it (vent)	Blanch SW to One Pump beginning serving. Inon Long 608 on \$60,000 pit
0,000 de 1	83531 # 21673	35/A	. N/A	N/A	2004	NA	***	lyra	Charlett trees, contract steed gape
373W	888688	NON-1940	1658	C/P9P9; 4	34(2)	YES	(4.1)	4.0 (vext)	100010000000000000000000000000000000000
	***************************************	······	1974		1418	***********	***************************************	W. W.	

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UNIT / SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
25833 361	0.9998		***************************************						
3 (3 (3)	3433740	100.00	2074	0/8864	HGH	Y88	13. 3.37	98.7	24 Moh SSR Croe 608, From presprideshunga mandaldisc Coccomos Constituent vestivati
\$3.21.50 \$50.000.000 *****************************	30894-37 23-6725	WX.	55/4	N/A	18/A	N/A	N/A	187A	Cometa Bred, curbon steel pipe
32.528	34 587 3 75	28089-38830	N/A	C/PREA	188201	Y88		123	26 (27) (28) (28) 428 (50) (50) (50) (50) (50) (60) (50) (50) (50) (50) (50)
9921-8- 20933-983	0.003 A 21070	800	1976	19/6	farA	388	WX	13/A	Content areas, southern steed paper
3 / 3/4	28-334-436	NOW HAD	N/4	O / PHP E A	89324	3/2		48.4	84-arch DW Larp ADB, Prize Discressive Consol sects (1988-b) Decriberge Consol east well
\$200 \$1 \$1000 \$1	\$325-F- 23070	N/A	SVA	NA	894	N/A	364	1975	Figury in fanded spores (welded security hatch) concrete torses, Cemical Speci, century steel pipe
31334	34-539-434	14039-38403	tora.	0:000.0	188384	380	33., 7×17 (4/8)	46.5	
9800 F 80000 A	9821-#- 21273	84.8	λŲΑ	bes	14.4	162	394	14/4	Fig. 1) in the district of the
3/30	24-3-22-40-3	10000000	7974	C/PPE4	88684	Y833	83. (1981) (1) 8 h)	36.0	28 book SW Line 408, from Decharge Canal book was to 16 both trough to 1 sets. 1945.
9881 F 20332 sas	\$3503 F \$35573	50.0	N/A	₩X	Nos.	\$60A	36/A	864	Content lined, costops sheet pipe
37.988	24 087 409	NCREBACI	12.8	C/PSPE 4	166061	YES		22.8	Control (Assessment Contro
200213	9307 4 21077	Wλ	16/4	N/A	bya.	30A	N/A	9/4	Corrord freed, carbon steel pipe
3 / 53/4	24-809-406	808,846	824	D789663	HFC3H	Y88	1100	858	24-exec SW Line 868, Impa 16-beet beaution to 10-beet beared to furb. 869;
98214 200383-401	3021-F- 21070	2008	28/8	P4/A	:04	N/A	30/3	8/A	Cessera lated, buston stays pipe
37.886		2004-000	16.5	(1998.4	HISA	VIII		843	(3.0.9) (3.0.1.50) 430, North (5.0.0) (5.0.0)
30001-8- 200030-000	3323.6	968	367.9	88/4	16/8	N/A	100	38%	Comora Breas, carbon steel lene
	34-34		WA.	C789964	14534		•		18-inch (SW), the 1220 from Live 408 to

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UNIT/ SYSTEM DRAWING	LINE NUMBER DRAWING	RAD / NON- RAD INSPECT	SEGMENT NUMBER INSPECT	PIPE GROUP / ITEM LOCATION	RISK FIANKING (PRI) EXCAVATION	DIRECT SOIL? IN-LINE	ELEVATION (DEPTH) SCHEDULE	LENGTH FUNDING	DESCRIPTION
P&ID	OTHER	STRATEGY	LOCATION	JUSTIFICATION	NUMBER	INSP. #	(Q/YYYY)	SOURCE	MISCELLANEOUS NOTES
	1220-1				;		(10 ft)		valve cit (outside west wall of TB).
	21:23	1674	NA	3/4	4/4	18-A	362	N/A	Code pigning erabs to valve pt. dis side of lists in valve pt. dis side of lists in valve pt.
37388	16-399	W99940	WA.	C/PIPE 4	19691	YES	1111	184	
	9303 F 21673	NA.	18/A	864	194	38.4	***	N/A	
(E./ (BWa)	15-635 1282-1	304765	N/A	C/9998 4	144024	78S	84.87	8.8	10 keh SW Line 1222 kon Line 408 k vanse ja jauside kont viit (178)
900000 2000000	9.97.5.87 2.10.73	1996	N/A	N/A	89/8	18-A	N/A	3/6	Cooke popular, contro or mainte par, dire sede to local escheri. Comber a larent contro o elevat pape
37.888	10.500	36,294,863	32.8	C78988.3	*98394	Y831	8. 5 67	18.8	
2000	31173	WA.	394	35/4	- VA	N/A	1888	16/4	
37.8W	18-390-198-1	. 58(36) (8.46).	SQ2A	0/8984	V 833	YES	\$1.830 (0.00)	86.8	16 inch pranch from valve pa to TS.
9321-8. 20933-m2	9303 200073	5/A	88.8	8/8	1978	N/A	Ser.A.	N/A	Serviciose papera, Cernastinicas, castiles dad poe
07.594	19-8398-789-1	28.88.00	394	C/3895 4	V 833	785	63. B-07 77.66	50.8	10 and traces has some parts 'Ti
9023 A	8333 F 20073	1974	A/A	N/A	8/8	1938	N/A	tus	
97.994	34-880-400- 8	18094440	NA	¢/9886.4	34(0.6)	YES.	89. 3 85 85 86. 85 27 663 - 888	14031	64-buth 559 Lans 408 from 10-second-outsits 18, or 693 599 habbe pa.
14385 F 201538 601	837.3	-874	WA.	N/A	IVA	1228	W/A	Bass	Brobuses verboar hamadeen kom 1787 to El. 1977 - Camera Steel, control trace state
87598	24 (1997-493)	18086-5840	3/4	C / PRPE 4	1868:	763	60 8 2 60 8 2	146.8	24 mm jay Line 400 km in keci baawii k Tara 600 km in see pa
		16/4	N/A	XVA	36:8	1878	NA.	88	neroces consecutives and the second s
\$ / BW	24.589.712	2000-200	366	C./39998.4	14084	YES	EU 9/6 (4/6/6)	:8 /	24-roth SW Line 750 from Backup (598-5 to Lines 408 & 408
960 778 9773 260 778 9773	8303 F 27033	36.6.	₩A.	%/A	WA	822	NA	36/5	Central laws contain what pipe

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UNIT/ SYSTEM	LINE NUMBER	RAD/NON- HAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
37.886	7 . 5 . 5 . 5 . 5 . 5 . 5	26.34, 5.60	NA.	(/ Pseg a	P8(3P)	YES	E. 1	328.8	
		20.2	N/A	144	8/5	3/4	19.8	199	Comod Spec, codem steel pro-
27786	08-399-466 7	BOWRED.	N/A	C/39954	2000	YES	83. 11 (4.5.10)	3036.87	(24 octo 500), and 400 beats British Well value (25 octo 10 octo 10 october 10 the EUCo.
600006 1551 600006 1551 60006 85	8333 8333 8333	N/A	44 ¹ A	3//4	928	19:44	8/A	₩ X	Commind listed, various stand pipe
1.444	24/58/-408- 8	140.74 FAGO	1878	C/P964	19093	Yes	6. 33 6.61. 33 0 3.68.	80.8	Standa SM Lore ASS been 10 out brown in the EDGs to the Recomment the Prod
	900 T	10.0	74.4	N/A	69.6	394	WX	16-8	Vertical acciding in the Electric with the Popular and of busing Scharch than Committ Street particip along page
3/649	94-8W-408 0	(8000-1941)	N/A	C/PIPE 4	eliGiK	Y\$3:	81, 12 6 91 81, 18 9 (2.5 t)	20 B	54 dest SW Lase 400 from 10-lasts branch to the 600s to the Recent with the Place.
	2733	14/24	××.	AVX ,	N/4.	N/A	49/4.	\$\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\tilde{\text{\$\tilde{\text{\$\tilde{\text{\$\tilde{\tilde{\text{\$\tilde{\tilde{\tilde{\text{\$\tilde{\t	Vertical cardion is the Phone with the Flock is and of facilities (a-mont line). Committee (and of cardion sheet sign)
11.55	36.88	38/28/8380	WA	C/MPE 4	111311	¥88	EU 17 40 (4 5 5)	188.8	10.000 000 0000 100 100 100 100 100 100
	2001 2001 2001	144	b/A	N/A	603	N.A	lo:4	14.0	Comment broads conflore of these places
137.3884	1383-1	52030-454.0	1978	07.89%.4	HIGH	YES	81. (1. 6) (4.5 ft)	186 %	10 Annie 65V argegly (1866-1083 to this 8000a) Incha (1866-408)
\$8.21.45 \$77.00\$	2223 F 2233 E 233 E 233 E	98/4	1878	82.8	38/A	A/A	N-X	38/A	Camera Steed, namen steet pipe

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UNIT / SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
3 - 3344	10.00	14000	W/A	C789864	P8(3)-	Y88	(8.5.4)	180 %	10 and 300 mapping two 1000 hours EDGs.
88334			N/A	N/A	1976	33/4	Sp.A	N/A	Control Street, replace street pape
37.594	3-53 W 13-8	790×440	`X:4	CYPPE 4	hoar	×*************************************	3331 67 26 80	164.0	Secon SW supply to IACCW84X's, Line Y(97
93823 A. 87883	9820 - 1 20866 9823 - 1 61888	4.00	1998	67.5	N/A	16/X	N/A	1976	Demoni bosci, cadum stava jupe
37.586	3-00/196	34.99.PAC	WA	C789884	19031	Y88	(8.8)	364.8	8 (100 S) (100 S) (100 S) (100 S) (100 S) (100 S)
9021-8- 07203	22.83	19.6	WA	N/A	N/A	3s/A	19/4	NΑ	Cornert West, contact steed paper
	3 6 W 1289	**************************************		0.0000	715317	YES	35331.37	106.11	3 -recs (SVV dectrorge From IAVX)VV*IX's, East 1300
8150 F- 27885	982) 33396 9823 F	1888	N/A	N/A	Q.X	19/A	WA.	78%	Correct Seess, contain deed pipe
37594		90×8×0	394	C / 19192 4	348(8)	¥483	EL 10.4	360 (1	24-000 SW Love 405 to 1000000000 consul
3333	9521 F 27033	3/4	14/A	N/A	3/4	304	19/4	N/A	Content bried, control specifique
187489	84-CW8-33-	18039444415	-N/A	A / PBPE 4	34(68)	Y08:8	EL, 8-6° (8.54)	82	37 CVSP decharge, from expension year in access point. Cheted replay and out of coal har accessal, asbentus fed outer wrop
1000 T F	\$323-F 22823	ID VIDUAL	iga,	N/A	N/A	BØA.	1976	N/A	
37 CW	20.000.00	96 3 0 (980)	N/A	A/39398 4	148501	Y83	13. 3 tr to	64	
1621 B	23823	10 VISUAL	800	WA	N/4	NA	1974	6/2	

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UNIT/ SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
3 / CW	84-CWS-31- 2	NON-RAD	N/A	D/PIPE 6	HIGH	CONC	EL. 6'-6" to 9'-0" (8.5 to 6 ft)	120 ft	31 CWP discharge – portion encased in concrete (access point to the far side of discharge canal). No stifteners or OD coating/wrap.
-8085-FR 70263	22833	80 W.00.00	tv:a	N/A	888	16/A	N/A	872	
27.20	83-CWS-31-	908 8 80	N/A	A/PIPE 4	1 18331	7888	88, 8 (f 6) 11 (8) 31 (8) (8) (7)	88.4	TO CASE CONTRACTOR (STORY) From Contractor (Contractor) Baselber, So. 186 - Basel C.C. Contract (Stade) and and and contract of stade (Stade) energy CON CASE (Stade) & Contract (Stade)
2000		10 VISUAL	1678	4/4	35/4	1978	1600	184	
-820%	98-Cw85-85 \$	336344340	14/4	A/PIPE 1	88388	YES	81() 11-3 10 27-8 10 10 0 10	10.11	31 CSFP deutharge paping after breach opposition to number or risk watertoo. (Chasted media and out of coal for enames, achievos tell pulse weigh, OC aldiference & P- 8 Sections.)
\$65013 IF 285848.3	96924 F- 026023	10.718194.	:WA	4/4	N/A	N/A	N/A	N/A	
11.00	94-0393-00	W(0)-1340	N/A	A/PIPE 3	14659	¥83	EL. 8 6 68.3 K	6.8	
9621.8	00000	au visuat	89A	14:0	1946	2554	844	886	
Back	30-CW9-000 Z	8000 F 600	N/A	4/2023	tese	V3E3	633-0° to 15°-0° (7.66.%)	5.8	SC CNPF combange, 300-each stanged accesso point (vertices). Control eaches sind out an age) for exames, aschessor left (user unique
969 1-4 96946	9,802 (-F 2,338.2 ()	80 YYSUAL	1974	16:18	##	NSA	54.4	N/A	
370%	84 (28/3-3)	SCR-RAG	29.4	D/PPE 6	186311	2040	81. 8 6 to 8 67 8 5 to 6 8)	120 1	Sir Childh deschauge - social or account or curestering (account point to the fair sofe or dischauge stonet). No enthermore or CSD continuopering.
9001 F	98991-81 828639	10 Visioni.	74/A	50.0	14/4	16.8	1974	86A	
37.039	54-CW-5-357 4	10C44 18AG	58 A	47,688C4	HIGH	Y 88	88. 37.0 to 4. 3 to 39. 31.	* * * * * * * * * * * * * * * * * * *	38 CWP decisioning speing from concrete to transition in 36 - airch 36. Coated inside and out will coul far entered; astrostric fet; cutter

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UNIT/ SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
							Ţ		wras; OD stiffeners @ 6'-6" centers
93321.4 23883	900011-3 1000000	40 V66844.	\$/A	N/A	N/A	N/A	29/4	1468	
	86-C 886-02	NO SECTION AND ADDRESS OF THE PARTY OF THE P	tora	A / PASSE /	1673)4	¥833	81,771.3 82.2 93.8	10.0	32 CMF decharge papers share reciti ton order to non-factor that experience Coates reads and out or that for ename, expected to the ways CMD statement & C 6" sectors;
2000	200	82 VISUAL	16/4	tica.	NA	16/3	1994	14.8	
87.38	88-CMS 33	2003-200	N/A	A 7 PSPE 4	HIGH:	Y83	60. 85-87 (8.3-40	śż	38 CKVP discharge, from outparcorn prod to expect point. Operatify make and out or about the sciences, acherosco test out or even
98885-8-	888) i i 220020	80 YISUM.	894	86.	N/A	867	N/A	N/A	
3::32	30 (30) 33	34(4), 334()	WA.	A789884	NGH	Y88	81.6 P to	68	STORY Records Service Respectives of the part of the p
9323	12.53	10 Y18UAL	WA	28/4	6/3	7674	14.6	N.A	
37.09	.64 CWS-33	808/840	MÄ	<i>0788</i> 333	34668	00%0	EL 645 % 9-4* (8.5 % & 8)	120 #	39 Cardin discharge - protect amount of concerning the state of discharge canal). The stiffments of OS content places.
30001-F- 200008	9.823.14 20802.3	BO MISUNU.	MA.	34/8	SVA	19:4	N/A	N/A	
37.0W	84 OWS-33	NC33+35A.C)	5014	6 / \$15% 3	888334	Y88	81. 847 K.) (8 K.) 19-37)	88.8	33 Cer P decharge point from concerns to terretter to 84 - exp. 3C Costs answer and old at cost to enemial autostic for costs way, GD attention 8 C III content
9.023 F 20000	30301-8 323333	60 VESUAL	50.0	84A	hy.A	N/A	9/4	187A	
37.00	** CW S 35	AC20-5040	Q-4	.A/PREEX	14033;ri	VH3	B1(4) 1537 10 3537 (4 5 to 6 to	10,40	So CAPP descharge planns after affails: framelitier to condument inter restarbox. Control made and out at bood to shared; activistics fed made regard CD affairment & 6' 6' confects;
982:4	232		NA.	***	······)

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UNIT / SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
20263	22623	****************							
0700	84 (343 34	NO9-840	WA	A / \$1\$*E, 3	18031	183	83. 076° (8.076)	ģ s	
	9001.9	10 V80A0	WA	N/A	882	194	N/A	N/A	
8/08/	90 OWS 34	600-70,0	1898	A/P9PE3	188384 I	YES	\$30.89.40 to \$50.60 \$7.80 \$100	8.0	34 CMP discharge, 35 and flanged scores port (vertical). Coated helde wid cut is coal to reference assesses held cut is resp.
**************************************	98.3015.95 C20.8020	10 VIII.	3VA	N/A	58.34	N/A	10/8	89.8	
37.5%	54 CMC 54	(9C(8) (146)	N/A	07898.6	18639	COMC	EL 0 6 ki 9 d (8 5 ko 6 8)	12019	94 CART Geoffreige - person andered in concrete persons scott to the for side of declarge const. The officerons of CBD controprocept
10.20	23523	10: V851.WL	N/A	N/A	fora	1976	N/A	38.8	
	88-73-33-33-	- 550 W 150 W	18/A	472263	FROR	¥88	88. 977 to () 1731 (8 to 18 37)	633:	SA CASE discharge pasting town observation to surediscress 98 - From CCI. Clusted insade and call (4) and the properties activation felt culture wass, CCI difference 50 SHS (produce).
9000	2523.3	80 VISUAL	1514	R/A	N/A	N/A	N/A	48.8	
	8 C93 9	18.35 (181)	884	D / PRVE 8	1952/1	783	51,737 7 1933 1451901		Sa Cod Front on property and Property (Cod Front on Cod F
0.000	300	80 V333VAL	18/4	1976	N/A	1978	N/A	16.8	
5 : 13W:	34-CW3-33-	24022-2340	N/A	8/8984	19694	yes:	81, 8161 (813.1)	\$3	38 CSVP deatharge, from expansion poet to scuses point. Confect inside and out w/ cost for expanse, activistics felt outer way;
930.4	3883 28823	io vistas.	837.5	(S/A	N/A	N/A	38%	24.4	
37139	X-CXX-35-	38(30, 1868)	N/A	A7998.4	93(3)1	Y83	BL 8 7 6	58	S. CMP decharge. Schale horses according to the post part (self-coll). Couldn't state and fact of self-coll) and part (self-coll) according to the post part (self-coll) according to the post part (self-coll).

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UNIT/ SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (G/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
1007.7	2003	80 VISUAL	32.5	10/4	N/A	N/A	3978	1998	
3/09/	84 (38) (3)	×03-44.5	1478	078860	883399	Ç690	81.8-6 6 8 6 (8.8 6 6)	160 8	56 CMP decreage – pastern encased in porcerete (achieve point to the fair acts of decreage cerea). No effective or OC politications.
2025 P 20265	9327 F. 228323	BD VBBLøk.	16/A	8/4	30%	N/A	78:r#s:	SUA	
97.00	84 CWS 36	N(30,8A()	\$VA	A / \$48£ a	10001	YES	80 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	88 ft	St. CAT Control of the Cat Control of the Cat Control of the Cat Control of the Cat
6000000 800000	22523	10 91019 8 1.	N/A	35%	822	18-A	N/A	12/8	
3 / C3V	28-CW8-38-	804840	NA	A/2999E4	Magas	Y83	81. (3 f 8 10 f 37 (4 f 10 f 10)	30 %	36 CSCP decisiones epines attar nación annicios to condicionar later valentos. Ondes anella part par sir cost tar enación adecidos talla parter sinar. Ob attariones la sir- sificactural.
20083	2005 F - 2000	10 VIII.	NA	30%	18/A	29:4	N/A	38/4	
37038	84-0303-33	9079-PAG	1938	4/8988.3	19531	¥825	80, 678 (8,5%)	9.8	86 AV Secretary from regions of control of the cont
9323 F 25083	30381-P- 138633	IO VISUAL	N/A	N/4	193	886	KX.	N/A	
3 - 004	30-00 0 45-38-	80% B40	18/A	A/PIPER	нын	YES:	\$1. 8 0 30 35 0 7 10 5 10	8.0	36 CWP decharge, 50 year hanged access point (vestrout). Coatest inside and cut or coatest for the coatest coa
8001 F 28003	3621-4- 32600	ib Vistat	N/A	16/4	28/8	8.4	8/4	N/A	
100	64 CW8-88	300640	NA	G / 99898 K	141531	0000	81, 67 % 975 83 198 %	1958	OC CMP decitorige - porces encircled in concrete (socials) pices in the far size of Sectorige (cots). No etitlement or OC coelingtwise.
9321-8-	9327 F 22527	IO VISUAL	NA	353	26/4	NA	- W4	1978	***************************************
•••••••••••		34(44-3343)		A 7 PHYS 3	i MGH	Y83		33.1	36 CWP displayed display from contrade to

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UNIT/ SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
	4) 1'-3" (6 to 16'-3")		transition to 96inch OD. Coated inside and out w/ coal tar enamel; asbestos felt outer wrass, OD stiffeners @ 6"-6" centers
.8.8027, 45 - .8180873	(%)	10 VISKUU.	tiva	Nice	N/A	N/A	N/A	50,08	
	8000	W 95 4900	13.5	D - 87848 8	195241	18.5	88. () 1 ' S 80 ' S 14 S () () ()	19.8	36 CVer descharge opping after 14-keit 30-oktob for professore finel water this Coated reads and out at our can be enamed, edited to fall place weep CVP statement & E 8 30-0km
9823 F 24683	9021 F- 128025	80 VS30A1	13/4	Ska	N/A	16/4	394	1978	
879888	38383003702-1	390 (49-1894)	N/A	87888.4	HCH:	Y83	i ir tooksw soats	3,8	EDA FOST - 8 Overflow Line Pipergres versions democify death, defeat in di length
2000	3323-7	19.7	14/8	W.A.	.	8/4	N/A	Series	All piping connections are accounted in the
37800	9-80003505-2	86(49-1948)	N/A	A / P0PG &	1933	YES	1.33 traicter 6/020	19	Figure vertice arrays and characters argue
	222	XX.	8674	1976	W.A	4/A	N/A	844	
37806	e aparos	w(mittee)	167.6	AIPPEA	1938	VÆS	1 8 palow soot	* *	ESS FOST - 4" Vers Piping is remissi transgit sint, about 1 ft length,
2003-44 2006-2	9892 F 202300	\$0\$.	3/4	38.8	8/A	4VA	*¥:A	N.A.	All popular connections are included in the took onlying test (annual)
	380080-4	9638 BAQ	KA.	479964		YES	1 ff Coston State	18	EXECUTE Miss Connections Manager Love Industry specially approach All connections to the connection of the connections up through a top of the connection of the connections up through a pain, about 11 to be again.
	3821 F 32383	44	N/A	Nλ	16/A	79/4	16/4	6/4	
******************	2283 3437	36383840	<u> </u>	137 898 81 3	MEDIA	YEE	10.4	X.A	Sewage Instituti (1970)
9 (0) 1 (4) 3 (1) 2 (4) 1 (4) 3 (1) 2 (4) 1 (4)	8321 - F 61313 - 23 33, 120 - 13	Frank	16/A	WA.	NA	N/A	8/4	N/A	Provided will administ protection. CP for a portion of project years in this function is

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UNIT/ SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
Drawing P&ID	DRAWING OTHER	INSPECT STHATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
41273								******************	
	2.480,0375	18(28(8)41)	25/8	X/PPE4	MEDIUM	YES	11,77	23.83	4:00 P. O. T. C.
	9021 F 23393		N/A	N/A	N/A	1678	N/A	198	
30:489900 90	2 AROGE >	8009-930	828	A.78988.4	345(35)33	¥86		10.35	App R DG FOST Retives to test (2-305); Browness work 2 fact (240 Street 200)
83234 2005	2002 1 F		N/A	16A	N/A	tera	19/A	84/A	
	3.880386	200,800	364	A (2008 A	98E320382	783		12.8	
9821-F	\$3533 AF- 20556		4/4	K/A	10%	2004	58/8	868	
31.8683%	3.4440,080	808880	32/4	A/89884	MEDIUM	Y83	€C, 17147 (2.34)	10.8	Accomposition to a constitution of the constit
90000 6 279.57	9321 F 23293		NA	25/4	ψA	187A	96/A	\$11.50	
3775000	3-750,003 PC>1	10(20-100)	3978	Par/PPES	MEDILM	140	1300000	33.8	Texts copper TSC Decay Generates First C day and coordinates
982145 44,003	83333		N/A	N/A	WA	WA	N/A	18/4	6 S 8 C 1 F 197 (p. 6 C) (p. 6
3/75/336	3 1583300 FO-0	00004160	3556	34.7393981.4	\$48,OHU%	YES	83. 10 67 (000000 kg) (0088)	35 %	2 ason YSD Decel Generator Fuel (26 Sec. 1984
980201-97- 	3.503 4 40033	399	N/A	N/A	37.6	8/4	38/4	896	Vertiles is 1987 pipe
3 : 73,000	3 180324 F0-9 75-1	(40)(4)(4)	Disk.	1781/19990-5	8633608	NO.	EL 13 6 (approx)	28 %	175 een opgee NJ Dece Greenste Fjal Ol Paris ocken
\$4881.45 818303	8.55.4	1979	14:2	N/A	1978	188A	N/A	1979	e 2 och FFP gast pa
8/755886	9-78C(%) FO-9-25-1	10(3)(10.0)	N/A	£287.298£35	\$283300.82	191)	60, 1916 (approxis) (2.8)	30.8	5) 26-broh ESC Elizad (Surrenator Level - Indicator indicator indicator
	777		WX	NA NA	***************************************	***************************************	÷	***************************************	

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UNIT / SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
41203	42233						I		pice
316774	1.5 CWW 1083	180% FIAO	8/4	A/P9984	MEDIUM	YES	33, 1170	40.8	455 6675 C75 \$5696 (306 (60)
200000000000000000000000000000000000000	1021 F 2293 1021 F 2207	4.3	tya	894	NA	WA.	N/A	tya	
io novist	140004	indereau!	5078	A/5525	MECHAM	YES	88. 77-67 38.99	1108	1-inch City water Law 1803 makeup to the IACOW Head Tare
(800000 min 1	90000 20090 9000 20070	1696	ava.	AVA.	N/A	N/A	38/A	864	
37676	87, WW. 1083-2	202 840	8/4	A / PIPE 4	WEDALW	YES	BL 77 07	160 #	2 ech City Water tree 1070
		848	N/A	394	N/A	16:4	NA	N/A	
-930088	>0%	V08-880	N/A	A/ FIPE 4	MEDIOM	YES	N/A	34/8	Describer Vision Cross to Paulication Observed Step (SAMS)
9 800 1 8 100 840 821 8		60,04,	N/A	N/A.	5378.	868	N/A	N/A	
376998	2 (34)32	NC89-888.0	18/A	6.7898(8) 3	\$80,000	Y133	10.00	22/8	C 600 Cop White the 1002
2000 P	8323 F 25963 9323 F 25873	194	tea	NA	ty X	bu'A	tes	NA.	
is elevan	3-C3344 1332-2	NOSE (840)	NA	A/993E4	MEGGM	YES	81. 11 6 (8.10	803	Signah City Water See, 1000
. 1878 (1984) 1878 (1984)	33331 320383 3323-1 520333	53.04	36X	36/4	\$6.4	24/4	S/A	***	
31078	10.000M 800AY-69-1	000000	NUA	A/8986.4	MEDRAM	Y83	60366 (2.86	1800 8	Control (Control (Con

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UNIT/ SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (O/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
	1600 1 - FF - 413 KHO	19:4	423	164	N/4	844	N/A	NA	
	3-000	1 10000			MECKAN) NA		4 eros PWST01 to Fee Press House
9833 #3 135343 shi2	9381-F	NA	2000	1974	Sk/A	1975	SØA	Nya	
	3.000	•	74.8		MEGRA	Y88	·····	**************************************	
255343-00-2	9821.4		N/A	Paga	65.8	N/A	10.8	14/4	
6 2 E2588	5-0773/60	-8C0-840	14/A	- 8188	\$85338388	Y823	N/A	55.A	Brace Cay Water are from Fire Plans House to Aux 866;
98086-85 3 Consum Navior 3	0.83 F 41663	160	8366	fále	N/A	1473)	N/A	NA	
••••••	30332.1		89.6	FIFE		YES	†·····	XX	There sharps they be a
3000 F	883 G	1978	44	16.4	194	N/A	103	100	
0.7337	8/8/8/8	10.0% (884.1)	N/A	- F1FE 1	WEDIA	YES	B. 1777	N/A	8-800-79-100000
(0.000 (0.00) (0.000 (0.00)	9381	30,63	***	8-2	N/A	N/A	18/4	38.35	
**********************	·····	1000000	<u> </u>	237	\$2178.33		†*************************************	***************************************	Section Control Section Contro
2321.8	3000000	107.8	twa.	8/4	N/A	WA.		503	
30 3 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	408 6 3 8 9 3	AK28 - SAC3	·············	797E 3	585504.60		† WA	NA.	A Such Fine Photocoles because the
0.00 1 F	9921-F 40303	××××××××××××××××××××××××××××××××××××××	1976	28.5	30.4	36/4	88A	38%	
				i i i i i i i i i i i i i i i i i i i	i waa	X	<u> </u>		
3 (5 1 - 3 -) 4 (3 3 + 3)	9621 F 36503	16/A	NX	N/A	194		344	8.8	
••••		· NOS RAD	}		WEST W		 	<u> </u>	E-real Free Projection Fact
303378-94- 4 (303 3,444)	9021 F 40025 9021 F	300		1974	N/A	1828	\$65A	N/A	

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UNIT/ SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
	417783 600013 400003		•••••						
		3638.686	N.A		3,581(3	788			10 10 11 10 10 \$ 10 10 10 10 10 10 10 10 10 10 10 10 10
	03237 61783 93237 41973	4/3	NA	N/A	bed	NIA	N/A	be a	
11,2932	4480	NOG-840	WA	N/A	NEED	VIII	<u> </u>	87	4-exib Fire Horizottoo Yest
(80015-85- 400818 80005-85- 45-99-8005-	600000 400000 600000 400000 300000 300000 300000 40000	3878	884	18A	SIA.	1868	,443	X:A	
3.7%	1982-1	AUX (400)	0):4	A/8/3989(3	MED	Y88	444	N/A	n de Papinopor Louis (1900 Alba Barra 1905) No PAS
222.5	900 1 P	N/A	N-6	78.8	••	5:3	25.2	le A	ti Sachoda gara per
		808.886	N/A	8799984		YES	(5.1)	250 8	2-rob discretionalised water to FAAC 1830;
38883-8- 00388	41343 41343 41313 43313 41323	1948	N/A	8 94	N/A	N/A	19:4	\$20A,	
3 / 52	2-34-1758-1	N/A/P40	N/A	A/PIPE4	1.00	**:3	EL 11	250.8	A section of the contract of t
	8025 F 211/8	44	NA	Se A	NX	NA	384	123	

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UNIT/ SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
3798	9-4-1836-2	80083840	W/A	'& / P8%: 4	t.CW	YES	61. 12 67 (8 ft)	40 33	2 lach koorument Air Line 1157 ro AFP Koliding
9884.F 96.69 88188	9323 % 21133	13746	XX.	N/A	1874.	869A	802	50/A	
87.98	3.6-58-1367-	2008-8660	NA	4.595	LOW.	Y88	14.55	336.3	170 mar benevera Avanda 1550 El Marko Sincolor
9001 F 2000 01180	98923+84 031333	90%	1374	864	NA	N/A	300.8	tya	
3784	79-84 -84-1	34(38,3940)	N/A	A7 PIPE 8	LOW	YES	897, 137- 6 7 (8-4)	60.11	O-mon Station Am Tratione Beig to Intake Staurton
\$ 000 to \$ 100 \$ 000	3 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5	issa	.₩A	%A	8/A	86A	88/2	***X	
3734	3-8A-APP-1	98(3% 89 8§)	1974	A / 1999) 4	0.389	V3 133	60, 1376° (6.8)	63.9	Section of the Sectio
200	21 1 5 22 2 1 5 22 2 2 5	82	374	88	N.	\$v.a	88.8	198	
\$7.6A	5-8 4 -899-8	NON-RAC	,K/A	4/8988.4	1.000	46%)	61. 13 67 35 to	48.8	2 inch Station Ar transmisses to APP Bidg
18825 F 18885	900 1 F	1935	1628	88A.	16/3	88/A	18/18	8/2	
3784	3.34.489.0	39(366-85843)	N/A	A (1999)E 4	LOW	Y8-8	83.73	30% 8	1000000
2000 P	8323 2133 3323 2286	6/2	39.4	26.6	4/4	88.8	N/A	3/4	
3/ASC	4-ASC-2	NON-PAD	N/A	G / PIPE 4	EXEMPT (L-L)	YES	EL. 12'-4" (2.7 ft)	220 ft	4-inch Aux Steam Condensate return line from IP1. Excavated and found heavily corroded in 2007. Associated buried 8-inch Aux Steam line was replaced (entire length)

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UNIT/ SYSTEM	LINE NUMBER	RAD / NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
30.000 die 40.000	407/80 90/21/37 818/23	NX.	494	49.8	N/X	#	56/4	898	Bured postor (-020 th heavily corocad entire todad length replaced, like 4 - kind, 3 ay 1007)
	1,5,4,8,1	90.74 FEB.	100.5	8/8864	EXEMPT (L.s.)	Y23	81. 18 to 34	1803	10 June Adem Andre ber House Service Boden Belg to Land Brown to Fee Print House
3000	900 4 918 3 930 4	Sea.	N/A	N/A	su a	Yes	N/A	NA	
37.88	15444	2004-200	18/8	875955	6888 M81 (C-L)	Y83	51. 87 to 95 (5. \$196)	288 8	(Sciede Admin Air Ins hom House Service Color Birty continuation in Particective Machine (Scied (RAMS)
9821-85 93483	982:-5 848:3 982:-5 84683	1974	NVA	N/A	:89ĕ	YES	AUA.	NA	
37.88	1,44,3	38,94,4460		879983	6480APT (L.1.)	Y83	3.00	1453	Tools Admin By Say to Pool Page House
	41810 41810 41813	88.8	160	1858	NA	123	8/4	18.4	
	2500	NO9-845	······		EXEMPT ILL	Y.			
593321, 1874 3, 514-13	40.865 87 40.845 37 40.855 87 40.855 87 40.855 87	288	N/A	No	(997.8),	Y88	16/8.	X X	
378940	3-FW(C) WH-1	NON-MAD	13/4	F / P4PE A	£36588PT (8.3.)	¥£6	300	84.9	Putable Water - Cold line to Warehouse
6331 4 1 43633	9321.4 91943 9321.4 91813 9321.4 41853	37.8	Br6		b8/A	VE3	203	14.6	

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200000000000000000000000000000000000000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	runnon ru							
UNIT/ SYSTEM	LINE NUMBER	RAD/NON- RAD	SEGMENT NUMBER	PIPE GROUP / ITEM	RISK RANKING (PRI)	DIRECT SOIL?	ELEVATION (DEPTH)	LENGTH	DESCRIPTION
DRAWING P&ID	DRAWING OTHER	INSPECT STRATEGY	INSPECT LOCATION	LOCATION JUSTIFICATION	EXCAVATION NUMBER	IN-LINE INSP. #	SCHEDULE (Q/YYYY)	FUNDING SOURCE	MISCELLANEOUS NOTES
3 / PWC	1-PW(C)- WH-3	NON-RAD	N/A	F/PIPE 4	EXEMPT (L-L)	YES	N/A	N/A	Potable Water – Cold line to PAB
9321-F- 41433	9321-F- 41943 9321-F- 41813 9321-F- 41823	N/A	N/A	N/A	N/A	YES	N/A	N/A	

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SYSTEM	TANK NUMBER	DESCRIPTION	TANK GROUP / ITEM	RISK RANKING (PRI)	MISCELLANEOUS NOTES
DRAWING PID / EM	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER ²	PMID DESCRIPTION ²
***********	***************************************		**************************************	coconicio de la composição de la composição Composição de la composição de	, , , , , , , , , , , , , , , , , , ,
3890-4-462	Brik	3/0018	(%) (%)	500183015-01 80018315-011	665 External trapportion of CT F13 (6.8) SA600) SY Internal trapportion of Tank CT T13
11.39	(3.134	- Constant Constant Constant	12000	· · · · · · · · · · · · · · · · · · ·	
1977.4-87	1978		988	9885	Carlos Baganara (Carlos Colorado) Se atras de Carlos (Carlos Colorado)
3 of same of the	15483	3 - Contestable Ottobije Terk	1288K 1	46	8-06-02 - Year was meased by CLEAN PRIBORS thomats used inspected and accepted by Epitam Engineer and O.C. Bossacupic performed by O.C. arced basis.
*******	100	2808	888	50000111.01	1 (94 Extense) (1000000000 (4 1 1 C 5) (2 2 5 (
1 / 9/3 %	12037	12 Control Statege Tens	TANK	46	Book to Tank and progress by CLEAN PARKERS From the wave impressor and accepted by System Engineer and CLE throughput impressor partitioned by CLEAN PARKERS
	188	32811	C&W	30000110-01	98 (All Section 2018) 18 (18 (18 (18 (18 (18 (18 (18 (18 (18
5-2-5-6-5-29	100031	13 Decisionale Sociego Teck	TA 38K3	45.	8 06-02 - Taris was cleared by CLEAN HARBORD. Internals were instacted and societies by System Engineer and Q.C. Brossopist performed by Q.C. acceptable.
(9/6/6)	1994	223	088	\$0,662,10-01	6M External Assumption of 100001 (C.P1 CACCO)
		The Proof Control of Page 1999			
350386	1974	622011	CAN	808888601	Table Super Transport (Control of Super Super Transport (Control of Super Supe
		The state of the s	***************************************		
•••••	*****	\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0834	**************************************	124 Gas Nation 1 FOST Tiphoness Feet (2 FT 405) 1 SFESSES Augustas
202 - 2738	66.8	1993 1993	TANK CANA		Ref Extends inspection of Refer to 41 CAGES In 9 December Despection of Refer
	\$1340,77 3666	399999	3,33,4		
	93993 WA		3486 4 WA		
	3384,73	Control Year (CVC)	Yakik 4	33	
	1976			ĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	
2 (30(3)	21899437	2 1 1998 CO2 1 1000 DOC 1 3 1 04	Y8/98, 4		
					·
	900 S		(4.88) (4.83)		637 E860000 E60000000 F865 3 1659 S46025

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SYSTEM	TANK NUMBER	DESCRIPTION	TANK GROUP / ITEM	RISK RANKING (PRI) ¹	MISCELLANEOUS NOTES
DRAWING PID / EM	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER ²	PMID DESCRIPTION ²
		2/2012	M&O	50057989-04	10Y Internal Inspection of Tank PWST
	21:30				
					•
		Cremens Deem Yerk 21 NA		**************************************	

881 8718	N/A	N/A	(WA	WA.	
3 : 25%		Contensate Storage Tank	TANK 1	. 25	
2018	564	2000 400020	06M 088	56085865-61 54083868-00	PSA Externed inspection of COT 1:07 keemed inspection of CS3
8 / 5986	3(87	Section Constitutions (SEET)	763967	X8.0	Section (Contraction Contraction Contracti
699383 4983833333	399	2240	506000	30000621-01	1951 Yearny Tourish See December Took Code Pro
0.78000	2197067	21 Feet OX Storings York	324K.7	HIGH (879)	in sand liked committe vanit
	N/A	3738 13 4735 14	C&36 C&34	50x887.81-01 51x887.88-01	1356 Underläge Teglaness Tess (DET-ADAZA) 10 et Internal Serk Inspection
278380	2090837	20 Fox On Stronge Yerk	14/68/7	19(0)11(0)71)	to condition accordence.
	14.3	5334	C4456 13688	50000	
27.500	288-0831	23 Pixel Oil Storage Tyrik	7ANK 7	HEER BEEN	to sand filled concrete your
60 23 4000 3000 4 - 1000		4/8/5/13 2/2/13/6	C&88 C888	60,080 30-13 50,001 30-13	132M Chaperbook Toprovios Test (2 PT 6040C) 10 yr isternal burk trajectori
2,7	134.488.931 WH	Mater Washington Bushing F.C. Tark	1 000	980	Not found in dealthase
726	15/A	50.0	tick	99.4	1300 ga tan
**************************************	TK-MA:WY-02	FC Mark Travery Busing FC Turk	N/A	\$850	Not be not in delabere
80A	N/A	N/A	N/A	NA.	1930 (84) (84)
2 / 33	584757.33	***************************************	**************************************	······································	**************************************
			389		60 Essenti Popedos di FAVIT SATISATI 119 PM Promo di popedos di FAVIT
37.000	31 Modern Terre	150 Silvestia Tark	(4)45 (**	
33. 7 (27) 200		\$7871 38847	0888 0888	(0008004-01 (0008004-01	6M Extensis traparation of 31 MT (S.P.T.SAS71) 10Y Internal respection of tank

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SYSTEM	TANK NUMBER	DESCRIPTION	TANK GROUP / ITEM	RISK RANKING (PRI)'	MISCELLANEOUS NOTES
DRAWING PID / ENI	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER	PMID DESCRIPTION
3 (1,870)	SC Marker Force	C Montes Term	3848 t	568	
5000		223	0388 0888	9.000	Bar Colored Reportion of the Notice of Section 1997
370000	0849412	DVDS Holdup Dark 82	YANK 4	38	1
9021-F-00390 8037- 9-77870	N/A.	** *	***	19/6	
37480	3987334	Westerhood, Tark XI	TABIN 4	1 25	
601-6-27188-3	1978	N/A	W/A	tv.a	
3.1050	Q-16 FO FB	Version Heldings Tages, 30	Takk s	**	\$2,500 guiller researchy; month housing haris is activities for yearship surplements.
83: * 37:\$ 33	18:4	197A	76/8	N/A	
57 (3408	(3)47961	CvCSHOR.pTox31	T4460.4	59	
	14.4	f¥A	323	N/A	
\$ F 5090.5	CBATHCO.	CYCS Howelp Took 30	TANK 4	98	
9821-7-09083 8321-7-27573	₩A.	898.	SWA .	N/A	
1.1243	WGATWA.	Wate Hodup Took \$1	1888 a	80	
	808	Ν×	844	WA.	
0.7399	788-58 TK	Salaraty Water Berseye Yerk	7888.1	48	
9001 F 87093 9821-F-08235	1925;	2631 2831	9888 S&M	0,020/84-01 1800/8048-01	68 Execute Respective of PW 5 TK (3 PT 5A071) 10Y Internal Inspection of PW 5 TK
9713909	56.8889 TARRESS	(PAS) Sumo Tank 31	602	48	
	328	16%	594	WA.	
8/3.990	WD41CO1	Crosness Brain Tank 31	N/A	48	
	365	3//8	. 866	, XX	
37 (8840)	WOATGOL!	Lucys Gae Geory Term (1)	7868.5	43	
900 F 20100 900 F 20110	14.4	50.6	88.6	50A	
3 / GWD	WDATGDL2	Large Gas Decay Tank 32	TANK.5	43	

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SYSTEM	TANK NUMBER	DESCRIPTION	TANK GROUP / ITEM	RISK RANKING (PRI)	MISCELLANEOUS NOTES
DRAWING PID / EM	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER ²	PMID DESCRIPTION ²
9321-F-25103 9321-F-25113	N/A	N/A	N/A	N/A	
370000	W047604.5	Large Gas Desay Yark 38	FA88.5	43	
900 F 2000	1974	8/A	N/A	1WA	
37 (38%)	WOATOBLE	Corgo Gas Debay Yark 36	YARK E	43	
9000 + 300000 \$300 + 300000	WA.	8/8	N/A	X X	
373980	W0X19051	tiones Cos Decay Laris 31	1896	12	
	ly.A	N/A	884	R/A	
375840	W9470032	Small See Decay Seek 32	FAWK.6	₩.	
582 4 86403 3661 # 28110	Para.	\$2.	88	N/A	
37000	W0A368888	School Good Decay Paris, 33	TANKS	- W	
	868	603	N/A	368	
37.6940	WOATGOS	Small Gas Doctor York 34	TASSES	44	
9961 F Ca168 9361 F 28510	74.X	₩ 4.	N/A	.NX	
37090	WOATGD36	Small Gas Occay Turk 35	14485.5	44	
	10.8	574	NA	1974	
37 6880	W0AT-0608	Shell Gas Decay Turk 36	YANKS	44	
9001 F-28100 990 - 6-96313	N-4	300	36%	1976	
274869	CONDISTOR 18	Contions de Excreço Taré	Y 6368 1	3 8	
3000-7-00100	344	200	38.9 38.9	100 May 1	107 Manual Ingention Cold Cold Cold Cold
11 / 52504	8063140 8398	SG 33 Fixel O8 Storage Tank	Y#89K7	FigH (SPI)	to sand time concrete well:
980: 47-853303	808	3/8/3/3 8/20/3/3	0888	88973888.41	1997 ST HEXT FORT LOOK Test (CFPT 400394) 16Y Oceantreport ST HEXE FORT
3 - 853	510 (62-71) 371 8	DG 12 Feet C4 Storage York	YARRY	MGH (S/fi)	in sound lives continelly used:
8001 F 200809	2004	¥ (0)	0888	900030000	Table 1 (1997) Table Tool (1997) Act (1997)

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APPENDIX B TANK INSPECTION INFORMATION

MANAGE (1000000000000000000000000000000000000	985000000000000000000000000000000000000	GGGGGGGGGGAAAAAAAAAAAAAAAAAAAAAAAAAAAA	INSPECTION INF	\$455877,0000000000000000000000000000000000	GPREASSANNOONGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
SYSTEM DRAWING PID	TANK NUMBER	DESCRIPTION	TANK GROUP / ITEM	RISK RANKING (PRI)	MISCELLANEOUS NOTES
/ EM	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER ²	PMID DESCRIPTION ²
3/EG	EDG-33-FO- STNK	DG 31 Fuel Oil Storage Tank	TANK 7	HIGH (S/R)	In sand filled concrete vault.
9321-F-20303	N/A	3/2011 1/2015	M&O	50073630-01 50068218-01	12M 33 EDG FOST Leak Test (3-PT-A029-C) 10Y Clean/Inspect 33 EDG FOST
3773(1)	TSC FL83, 18	TSC DG (Intergrape) Fee Cit Strage Test	TAVE 7	M600	Track in 4 CSO gain services stock distribution of FRF continuous parties of Services (services
\$10.7 (7.50 (3.50))	44.8	2/2013	0894	100000000000000000000000000000000000000	
37 4888	A880(0-FF) ((T	Appendix R FGST	TANK ?	866C)	to said thed continue veils.
	***	&:2011	OSS	88673638-64	1306 APP Tr CX POST Look Test (3-PT-4398)
3.19940	16000000 50000 1000 1800	Transag Stog Faxe Old Sturage Tork	TANSK 7	\$800	
	25.5	32011	089	50078981	188 P.O. Lane Base Residen Version (per 197 CASH)
8/880	385 W/ARGO 3885 A.Y. (20) 78758	Screege Nestmans Discoil Func Co Carts	YASAK 7	88(3)	110 gal basis. Partially entrawated and pressure tradeo in 1997, at whole time degreeded fuel or paper, and foreign entry regional, (1991, 990) it 13-90-940(900).
9000 F 40 685 9000 - 3000	MA.	1888683	0898	\$000000000000	100 FO Tark look tool by Venter yet WCDOST togeteening
27386	\$\$13-1X-1851	Backing Secondy Generator Layud Propage Tank (North)	¥8/38-7	68830	198 PM inspection per 3-GMP-006-ELC
8381-1-43603	16.8	9/4	NA.	16.6	Caluguants, 1984 in service tips (append)
57.880	BPG IN OR	Sack-up Security Generator Liquid Propiete Tack (south)	748×7	860	SM FW inspection per 3-GMR-QGS-ELC
0.525 F-4 (0.89	50.4c	N/A	Skill	. WA	Saleguards, 1994 in combre date (approx.)

Notes:

2-PT-A042 series test are tank tightness tests, using approved NYS DEC test method. (IP2 is categorized as a Major Oil Storage Facility (MOSF.) 3-PT-A029 series tests are tank leak tests, utilizing pressure/vacuum/UT method, and satisfy Westchester County Dept of Health (WCDOH) tank testing requirements. (IP3 is categorized as a Petroleum Bulk Storage (PBS) facility.)
Underground tank list based on IP-SMM-EV-103, "Petroleum Bulk Storage Tank Program"

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APPENDIX C SUMP INSPECTION INFORMATION

UNIT/ SYSTEM	SUMP NUMBER	DESCRIPTION	SUMP GROUP / ITEM	RISK RANKING (PRI)	MISCELLANEOUS NOTES
ORAWING PID	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER?	PMID DESCRIPTION ²
ODDING SACONAGE SANGERS	***************************************	\$4000000000000000000000000000000000000		60055550000000000000000000000000000000	150000 (10000000000000000000000000000000
	Cost Osser Took	Commission Cress Took Super	(V.)		
146888	1978	N/A	8/A	1976	28:4
5.7	Laurenty Orea: Tank	Loundly Craw Took Surry	8/8	42	
14:136	16/4	WA.	80%	N/A	N/A
49	North Current Droke	heen Comentimes	18/4	42	
100918		WA.	**************************************		XX
		33.6	Ä	62	
¥ \$ 1		33.33			
N S. 115060	No.		3000 No. 2	harrier i de la company de	No.
	Sant 1000 & Fit	VA (300, 190, 8, 8, 8)	N.A.	······	NA.
(21/M8	1/A	9208	¥.	l sia	
海道	Ut Conserver	U: Consission sent Armulus	N/A	142	
4006	6600.8	**************************************			
12	Constant Sees Sees WA	т Соловине Врезу Бику	N/A	42	
	Ç.X	6/4	%X	40	KA.
. (v)	Ut Foundation Grant	🖂 Sporetsker: Drain Live	1876	i	
				<u> </u>	
44	Concentration	Consumerated Articles	894	40	
		194	600	100	88.3
(/ / / / / / / / / / / / / / / / / / /		COLUMBU TURNO EL SI SURE	80		***************************************
12561174 15566477 16661675 12666657	\$848.	955	N/A	36/8,	6/2-
i i	Gribbase Forestation Disen	Ur Syrem Fourdation Drain Sung	3/6	42	
140 918 141 138	10/4	198	20/4	N/A	25/8
	Security Courtison Consum Association	North Cotton Gram America	34/A	40	
4000	3004	365	2674	NA .	2.48

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APPENDIX C SUMP INSPECTION INFORMATION

UNIT / SYSTEM	SUMP NUMBER	DESCRIPTION	SUMP GROUP / ITEM	RISK HANKING (PRI)	MISCELLANEOUS NOTES
DRAWING PID / EB	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER?	PMID DESCRIPTION ²
138478	E Manager Filt				*
6.640,739	N/A	197.6	N/A	53/6	N/A
1824 0334	Sump 20	VOST PR Sprey SW	SCR69-2		WELL PERSON 20 61, 30
9824-0359 933-2848	3408	N/6	NΑ	\$3×A	WA.
380	3.000	148 849 28		4	100000000000000000000000000000000000000
9821-0719	8000	Ny A	N/X	13:A	N/A
29350	Sump Zi	150 Sump 28	SUMP 2		: FSB Sump 03 G EL. 36'-0" (3PP Na Room)
100000000000000000000000000000000000000	68.2	366	N/A	18:4	-X-X-X
	39838.6				
		3/4	w.x	1976	144
	35-P8231 P13		SS 8.465 S	W.	Weste Hering Pipe Sump
		50 60 85 Beng 208	Ni-2	656	
		55.565 (M.SPA) WAZ	28,38,89° 2	**************************************	
	87.8	(680)			
waanii waa waa d	9094.82 SUBSECTION	77 (150 PK 6400 Startin SS		800	WHAT PR Subject 60 # EL 30
8005 P 20570	286A	(£025):1.8	WA.	9836751.45	27 Decemblesh Sump
	8.817	tom Germany IO Poyer Song		y.	50300 Subsect 17 W. Co. 18
	672	400031	N/A	8007003001	SY Cason & Propriet Some
32.7	6.82	Europe Lessage & Decor Desc Surep	N/A	37	
	11.2	N/A	1474	58	
	33,2562 36	F48 (1990) 90	500	. 524	_ PAB 5,69 24 @ 61. 15
	WA.	BA .	N/A	668	N/A
3 / 5 2002	181,8487 () ?	F48 5000 87			FAB Correy 37 & 61 41
esanaa isti saarusesa	SVA	102348	N/A	38.07.8684	57 888 Inspection, Cleaning & Ceccor of PAIS Sump 37
	8.8		\$000		***
	N/A	NA	N/A	WΆ	
37.040	3-34W	Country and Lab Waste Sump	SAMO	36	Admin, Bidg, Liquid Wesse (Labordy & Lab Wuste) Dollarbon, Sung & St., 416°
9805-6-45388 8083-2-80330	884	*868	\$4	Sy/A	\$6A.

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APPENDIX C SUMP INSPECTION INFORMATION

000000000000000000000000000000000000000		IVIUC	L MADLEC HOW HAL		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
UNIT/ SYSTEM	SUMP NUMBER	DESCRIPTION	SUMP GROUP / ITEM	RISK RANKING (PRI)	MISCELLANEOUS NOTES
DRAWING PID / EB	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER ²	PMID DESCRIPTION²
***************************************	******	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	************************************		***************************************
1	3-39%/46	Freith Cog Flanc	60,889.2	18	PANS Box Survey & E. 48-4
\$ 500111-00000					
 	N/A	W/A	Sec.	200	WA
3 0000 9 00000 1					

Note: Only sumps that are contaminated or potentially contaminated are included.

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SYSTEM	SECTION NUMBER	DESCRIPTION	DRAIN GROUP / ITEM	RISK RANKING (PRI)	MISCELLANEOUS NOTES	
DRAWING	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER	PMID DESCRIPTION	
************		***************************************	**************************************	**************************************		
\$40 278 1 1880 21 - 4688	50323-4005	*08618	0595	ah sadis	SY PM Inspec & Class	
377-3849	8 8 7 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	10 V 18 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F	NA		### ### ### ### ### ### ### ### ### ##	
	4.500-00410 : .700	2 2 3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	322	***		
	232 233	2000 100000	38888			
931791 4301 A 40003	1874	80000	COS	99 544V3	SY PARagon S Casa	
0.780	3.60.0838-1.001	COPAS Flag Cyane	***************************************	\$353.00 S	N/A	
		399		NA	\$\.	
2789	. 4390-3983-1-301	U. PAR Fex. Overs		6694393-6	38/4	
<i>2016</i> ,2000	> > > > > > > > > > > > > > > > > > >	8/4		25/A	:	
. (5) (197 3) Terroscopologica	# FO-OWNER 1-001			: 038A3N 6	\$ \$	
2011 : 3 00000 	: 008 #***********************************	3878	- 1878 		; (QA)	
	iXX	. S.	4	1365588		

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APPENDIX E CATHODIC PROTECTION PM INFORMATION

UNIT / SYSTEM COMPONENT DESCRIPTION GROUP / ITEM RISK RANKING (PRI) MISCELLANEOUS						
DRAWING	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER ²	PMID DESCRIPTION ²	
*** (38888)	***************************************	**************************************	8/A	52.8	13CER - 10DPR couler some schedus & 90C	
188100 188304	PLANCIPONNI.	2/2011	0834	18,794-03	Verdor Text 8. Adjust 831 Cook CV	
1113888	12022	F: Out OF Recition 110PR	448	38/4	\$11384 - \$6(\$8) ceder some enhances \$200	
188132 188338	PONCTIONAL	0201	Q886	18724-01	Territor Test & Adjust CF Core CF	
5.7 (0889 8)	18029	ST Cons. Cor Bacellor 1 (CPR)	25/26	N/A	11CP9 - 18CF91 weder some activities 8 VV	
138732 138734	FONCTIONS:	\$22071	C888:	:8728-301	Vendor Teat & Adjust 611 Dock CIP	
1 (289)	14099	IF F Dook CAP Propries 11CPA	B/A	1978	11CFR-19CFR under some schoolee & WO	
108300 10834	RACTORAL	2/2/11	C&A	1870/8-471	Versou Year & Adjust Ur Dack Cit?	
5.7 (2888)	1383233	71 Das Critical Residence Control	N/A	(5/8)	11C311 - 160391 usaar sanat soradan & WO	
138830, 138834	RACTORAL	250041	C2335	.18784-01	Version Yess & Adjust Mr Drick Crit	
11 0889	1863272	971 Octo CAF Buogross 11 CPS	to a	14.8	TICER - 19CPR croke same schokes & WO	
198338. 138334	PUNCHONAL	2001	OW	18784-01	Vorsio Yes & Adjest Cf Deck Cop	
4.53923	33.6063	C: Aus Cd Starage Task (est.) CXF	16/8	8//4	Retred congeneral	
10000000	80%	36/3	12/2	80288748 (89)	1Y Inspect serie, including callinatic projection - perceived	
9 (45)	1103463	FC Tark Farm Ot & Water Sequence	OF.	368		
3337.68	PONCHOWAL	800018	OAM	9768239-01	SY Court & Francisco Francisco Francisco Francisco Grand Francisco	
•••••	SOFT	Controlly Ellipset Flued North	······································	NX.	- Court Build colorie type (CP)	
08861918, 03 90898. 2100896-166	RACTONAL	28031	G&M	30080527-0	IV Verdor Tess/Adjust Security Oktob Food Tork Cathodic Protessor	

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APPENDIX E CATHODIC PROTECTION PM INFORMATION

UNIT / SYSTEM	COMPONENT	DESCRIPTION	GROUP / ITEM	RISK RANKING (PRI)!	MISCELLANEOUS NOTES
DRAWING	INSPECTION STRATEGY	SCHEDULE (Q/YYYY)	FUNDING SOURCE	PMID NUMBER?	PMID DESCRIPTION ²
saferiuards)					
210888	68000000 CWS	Cay Water outpay from the CWS1	£,p	N/A	F94CE 98112 (89)(60
**************************************	FLAXCEICHAL	33911	Gára	395031 B41 12	TY Market Face Report City Water Princip California
	Y380 P1883, Y8.	Hotel SC Description From York			i (socitici, roccio typo CS)
96001-9-401-00 9303-9-42033	F000000000	303241	O&M:	30073831	1Y Clean & Impact Fuel Co Tank Form, including callbudic exclusion
27724998	1969 - 1888 C.A. 1889 - 1		629	84.6	
	FUW(TW)NAI	2/311	C#14	20078788	TY Vocable Text/Adjust S/S Line Cedinate Protection

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APPENDIX F Page 1 of 2 Component Inspection Data Sheet, Typical

SCOPE			
System Number/Description:			
Line/Tank Number:			
Component Number:			
Segment Number(s):			
Segment Location:			
Drawing Number(s):			
Inspection Priority:			
Basis for Scope Selection:			
WORK MANAGEMENT			
Engineering Change:			
PM/WO Number:			
Clearance Number:			
LCO Number:			
Condition Report Number:	100 1 A-1 - 1		
PRE-INSPECTION VERIFICATIONS			
Previous Inspection (Y/N)			
Cathodic Protection (Y/N) Funct	ional (Y/N) Rectifier Number:		
Coating (Y/N) Type:	Soil Analysis (Y/N)		
Backfill Type:	Contains Rock (Y/N)		
Fluid Medium:	Radionuclide (Y/N)		
Pipe OD:(in) Thickness: _	(in) Material:		
Operating Pressure:(psi)	Design Pressure:(psi)		
Component Age:(years)	Depth:(ft) Length:(ft)		
Excavation Required (Y/N)	Permit Number:		
Confined Space (Y/N)	Permit Number:		
Job Safety Hazards Analysis (Y/N) Asb	estos Abatement (Y/N) Lead Paint (Y/N)		

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APPENDIX F Component Inspection Data Sheet, Typical

SCHEDULE				
Online (Y/N)	Divisional Week:			
Scheduled Start Date:		Actual Start Date:		
Scheduled Finish Date:		Actual Finish Date:		
INSPECTION METHOD(S	5)			
Indirect Inspection Coatin	g Holiday Detection (Y/N)	Method:		
Internal Inspection Pig (Y	N) Vendor:	**************	Pipe Cleaning (Y/N)	
Visual: VT-1 (Y/N)	VT-2 (Y/N)	VT-3 (Y/N)		
Direct Local NDE (Y/N)	Method:		***	
Ultrasonic/Guided Wave ((Y/N)			
Other:	**************************************		***************************************	
M&TE/TOOLS				
<u>M&TE</u>				
Digital Light Meter:		Expir	ation:	
Ultrasonic Meter:		Expir	ation:	
Transducer(s):		Expir	ation:	
Holiday Detector:		Expir	ation:	
Pit Gauge:		Expira	ation:	
Tools				
List all required:				
	CONTRACTOR AND CONTRACTOR AND AS IN A SECURITY OF THE SECURITY			
Prepared by:		Date:		

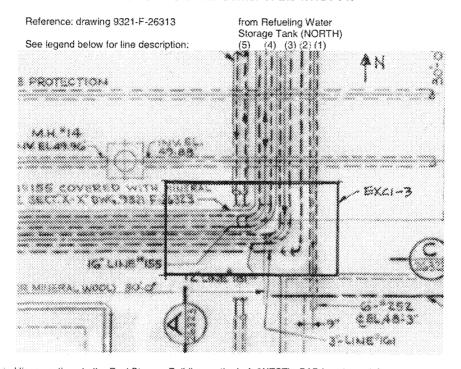
APPENDIX G INTEGRATED SCHEDULE

INSPECTION #	00000000000000000000000000000000000000	DATE SCHEDULED	WO #
EXC1-3	6-inch WD Line 252 (RWST overflow to WHUT) 3-inch SI Line 161 (SIP return to the RWST) 12-inch SI Line 181 (RWST to Cont. Spray Pumps) 16-inch SI Line 155 (RWST to RHR Pumps) 16-inch outer pipe containing 6-inch AUX STM Line 561 and 2-inch COND Line 678	3Q2011 ,	N/A
EXC2-2	24-inch SW Lines 408 and 409	2Q2012	N/A
EXC3-3	12-inch Line 1070 (CST Supply to CST) 8-inch Line 1080 (Condensate Return to CST) 8-inch Line 1028 (CMP CST Tank Overflow to MH-9)	3Q2013	N/A

ADDITIONAL EXCAVATION SITES TO BE SELECTED BASED ON APEC SURVEY RESULTS AND SITE SOIL ANALYSIS.

APPENDIX H PROGRAM DRAWINGS

EXC1-3: IP3 @ NW Corner of the WHUT Pit



Buried lines continue to the Fuel Storage Building on the Left (WEST). PAB is at lower left

A 15 ft (N-S) x 20 ft (E-W) x 8 ft (deep) excavation (grade is at approx. El. 54 ft) will uncover the following lines:

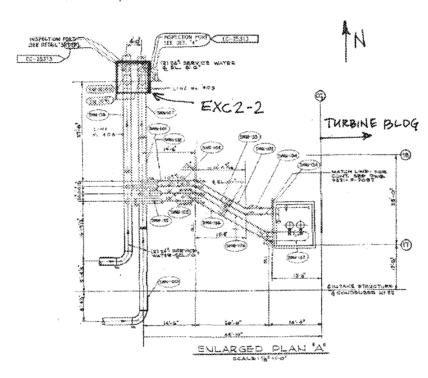
- 1. 6-inch WD Line 252 (RWST overflow to WHUT)
- 2. 3-inch SI Line 161 (SIP return to the RWST)
- 3. 12-inch SI Line 181 (RWST to Cont. Spray Pumps)
- 4. 16-inch SI Line 155 (RWST to RHR Pumps)
- 16-inch outer pipe containing 6-inch STM Line 561 and 2-inch COND Line 678
- the BOP is at El. 48'
- the BOP is at ~ El. 48'
- the BOP is at ~ El. 48'
- the BOP is at El. 48'
- the BOP (outer) ~ El. 48'

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APPENDIX H PROGRAM DRAWINGS

EXC2-2: IP2 West Side of the Turbine Building

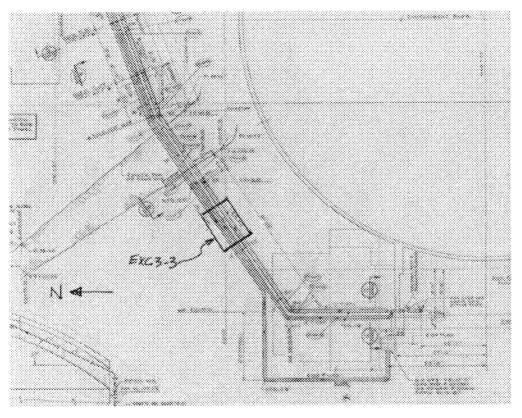
Reference: Drawing 9321-2700 Co-ordinated excavation with installation of EC 25313 Lines to be inspected 24-inch SW Lines 408 and 409



The excavation to remove the existing 14-inch blind flanged access point on SW Line 409 will be expanded to expose a minimum of 10 feet of length of pipe for both Lines 408 and 409 over their full circumference. At the access point location, the centerline of the 24-inch Line 409 (& Line 408) is at El. 8'-6", and the access point is at 4'6" downstream of a vertical rise of 7'-6" from El. 1'-0". The excavation will be 10 ft (E-W) x 12 ft (N-S) x 10 ft deep.

APPENDIX H PROGRAM DRAWINGS

EXC3-3: BURIED LINES FROM THE IP3 CST TO THE AFW PUMP BLDG.



REF: DWG. 9321-F-22873 LINES TO BE EXCAVATED & INSPECTED: (Note: App R DG Fuel Oil & Cooling Water Run overhead the perimeter of the Area – see drawing 9321-F-23593) IP3- YARD AREA
12" Line 1070 (CST Supply to CST)
8" Line 1080 (Condensate Return to CST)
8" Line 1028 (CMP CST Tank Overflow to MH-9)

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APPENDIX H PROGRAM DRAWINGS

ADDITIONAL EXCAVATION SITES TO BE SELECTED BASED ON APEC SURVEY AND SITE SOIL ANALYSIS.