

# Inspection Output (IOR)

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## Inspection Information

Inspection Name	Targa PA	Operator(s)	TARGA SOUND TERMINAL LLC (38921)	Plan Submitted	09/04/2018
Status	PLANNED	Lead	Scott Anderson	Plan Approval	09/06/2018
Start Year	2018	Observer(s)	Denise Crawford		by Joe Subits
System Type	HL	Supervisor	Joe Subits	All Activity Start	09/25/2018
Protocol Set ID	HL.2018.01	Director	Sean Mayo	All Activity End	09/25/2018
				Inspection Submitted	--
				Inspection Approval	--

## Inspection Summary

This inspection consisted of a review of Targa Sound Terminal's public awareness plan, procedures and records. No Probable violations or area of concern were found as a result of this inspection.

## Scope (Assets)

Short # Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1. Targa PA	Targa Sound Terminal Public Awareness	other	38921	BOT/RT Pump Stations Onshore Offshore GOM Crosses Nav. CO2 Biofuels Reg Rural Gather Rural Low Stress HVL	23	23	23	100.0%

a. Percent completion excludes unanswered questions planned as "always observe".

## Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	Targa PA	n/a	PD.PA	P, R, O, S	Detail	

## Plan Implementations

#	Activity Name	SMART Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1	Targa PA Inspection	--	09/25/2018	09/25/2018	n/a	PD.PA	Targa PA	all types	23	23	23	100.0%

- a. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.
- b. Percent completion excludes unanswered questions planned as "always observe".

## Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Targa PA Inspection	COMPLETED	09/26/2018	Targa PA Inspection	Targa PA

## Results (all values, 23 results)

24 (instead of 23) results are listed due to re-presentation of questions in more than one sub-group.

### EP.ERL: Emergency Response Liquids

- Question Result, ID, [Sat, EP.ERL.LIAISON.R, 195.402\(a\) \(195.402\(c\)\(12\), 195.440\(c\), API RP 1162 Section 4.4\)](#) (also References presented in: [PD.PA](#))  
 Question Text *Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?*  
 Assets Covered [Targa PA](#)  
 Result Notes [Targa's records indicate that liaison has been established and maintained with the appropriate entities. Reviewed contact between Targa and Tacoma Fire, Targa and the Port of Tacoma, Matthew Kolata is a member of Pierce County LEPC Committee, Targa and Department of Ecology. Tacoma PD does not participate in Targa's PA.](#)

### PD.PA: Public Awareness

- Question Result, ID, [Sat, PD.PA.PROGRAM.P, 195.440\(a\) \(195.440\(h\)\)](#)  
 References  
 Question Text *Has the continuing public education (awareness) program been established as required?*  
 Assets Covered [Targa PA](#)  
 Result Notes [Reviewed Targa's O&M section 28, also in the Public Awareness Program Manual section 1](#)
- Question Result, ID, [Sat, PD.PA.MGMTSUPPORT.P, 195.440\(a\) \(API RP 1162 Section 2.5, API RP 1162 Section 7.1\)](#)  
 References  
 Question Text *Does the operator's program documentation demonstrate management support?*  
 Assets Covered [Targa PA](#)  
 Result Notes [Reviewed Targa's Statement of Support which is a signed document by upper management. This document is located in Appendix A of Targa's Public Awareness manual.](#)
- Question Result, ID, [Sat, PD.PA.ASSETS.P, 195.440\(b\) \(API RP 1162, Section 2.7 Step 4\)](#)  
 References  
 Question Text *Does the program clearly identify the specific pipeline systems and facilities to be included in the program, along with the unique attributes and characteristics of each?*  
 Assets Covered [Targa PA](#)  
 Result Notes [Reviewed section 4 of Targa's Public Awareness Manual titled "Identification of Pipeline Assets to be Included Within the Program". The section clearly identifies the specific pipeline systems and facilities that are included in the program.](#)
- Question Result, ID, [Sat, PD.PA.AUDIENCEID.P, 195.440\(d\) \(195.440\(e\), 195.440\(f\), API RP 1162 Section 2.2, API RP1162 Section 3\)](#)  
 References  
 Question Text *Does the program establish methods to identify the individual stakeholders in the four affected stakeholder audience groups: (1) affected public, (2) emergency officials, (3) local public officials, and (4) excavators, as well as affected municipalities, school districts, businesses, and residents?*  
 Assets Covered [Targa PA](#)  
 Result Notes [Targa identifies the individual stakeholders in section 5 of the Public Awareness manual](#)
- Question Result, ID, [Sat, PD.PA.AUDIENCEID.R, 195.440\(d\) \(195.440\(e\), 195.440\(f\), API RP 1162 Section 2.2, API RP 1162 Section 3\)](#)  
 References

Question Text *Do records identify the individual stakeholders in the four affected stakeholder audience groups: (1) affected public, (2) emergency officials, (3) local public officials, and (4) excavators, as well as affected municipalities, school districts, businesses, and residents to which it sends public awareness materials and messages?*

Assets Covered Targa PA

Result Notes Reviewed Targa's Public Awareness Program Documentation provided by, third party vendor Paradigm. The document gives the totals for the stakeholder groups.

7. Question Result, ID, References Sat, PD.PA.MESSAGES.P, 195.440(c) (API RP 1162 Section 3, API RP 1162 Section 4, API RP 1162 Section 5)

Question Text *Does the program define the combination of messages, delivery methods, and delivery frequencies to comprehensively reach all affected stakeholder audiences in all areas where hazardous liquid or carbon dioxide is transported?*

Assets Covered Targa PA

Result Notes In Targa's Public Awareness Plan it defines the audience, examples, message type, delivery frequency, and delivery method for each stakeholder group.

8. Question Result, ID, References Sat, PD.PA.SUPPLEMENTAL.P, 195.440(c) (API RP 1162 Section 6.2)

Question Text *Were relevant factors considered to determine the need for supplemental public awareness program enhancements for each stakeholder audience along all pipeline systems, as described in API RP 1162?*

Assets Covered Targa PA

Result Notes In section 9 of Targa's Public Awareness Plan Supplemental Program Enhancements are discussed

9. Question Result, ID, References Sat, PD.PA.EDUCATE.R, 195.440(d) (195.440(f))

Question Text *Did delivered messages specifically include provisions to educate the public, emergency officials, local public officials, and excavators on: (1) Use of a one-call notification system prior to excavation and other damage prevention activities; (2) Possible hazards associated with unintended releases from a hazardous liquid or carbon dioxide pipeline facility; (3) Physical indications of a possible release; (4) Steps to be taken for public safety in the event of a hazardous liquid or carbon dioxide pipeline release; and (5) Procedures to report such an event?*

Assets Covered Targa PA

Result Notes Reviewed Targa's mailers, Targa's delivered message specifically includes provisions to educate the public, emergency officials, local public officials, and excavators on the five listed requirements.

10. Question Result, ID, References Sat, PD.PA.LOCATIONMESSAGE.R, 195.440(e) (195.440(f))

Question Text *Were messages developed and delivered to advise affected municipalities, school districts, businesses, and residents of pipeline facility location?*

Assets Covered Targa PA

Result Notes Targa's messages are developed and delivered to advise affected municipalities, school districts, businesses, and residents of pipeline facility location. Reviewed Targa's Program Effectiveness from 2017 provided by Paradigm. No issues

11. Question Result, ID, References Sat, PD.PA.MESSAGEFREQUENCY.R, 195.440(c) (API RP 1162 Table 2-1)

Question Text *Did the delivery of materials and messages meet or exceed the baseline delivery frequencies specified in API RP 1162, Table 2-1?*

Assets Covered Targa PA

Result Notes Targa's baseline delivery frequency meets the required frequencies specified in API RP 1162, Table 2-1. Reviewed the provided documentation from Paradigm for 2014-2017. Along with the list of addressees.

12. Question Result, ID, References Sat, EP.ERL.LIAISON.R, 195.402(a) (195.402(c)(12), 195.440(c), API RP 1162 Section 4.4) (also presented in: EP.ERL)

Question Text *Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?*

Assets Covered Targa PA

Result Notes Targa's records indicate that liaison has been established and maintained with the appropriate entities. Reviewed contact between Targa and Tacoma Fire, Targa and the Port of Tacoma, Matthew Kolata is a member of Pierce County LEPC Committee, Targa and Department of Ecology. Tacoma PD does not participate in Targa's PA.

13. Question Result, ID, References **Sat, PD.PA.LANGUAGE.P, 195.440(g) (API RP 1162 Section 2.3.1)**  
 Question Text *Does the program require that materials and messages be provided in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*  
 Assets Covered **Targa PA**  
 Result Notes **Reviewed Targa's Public Awareness Manual section that discusses message delivery language. It is titled English and other languages in the PA manual.**
14. Question Result, ID, References **Sat, PD.PA.LANGUAGE.R, 195.440(g) (API RP 1162 Section 2.3.1)**  
 Question Text *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*  
 Assets Covered **Targa PA**  
 Result Notes **Reviewed Targa's mailers and according to Census Data of the area, the primary language is English. Mailers are only sent in English**
15. Question Result, ID, References **Sat, PD.PA.EVALPLAN.P, 195.440(i) (195.440(c), API RP 1162 Section 8, API RP 1162 Appendix E)**  
 Question Text *Does the program include a process that specifies how program implementation and effectiveness will be periodically evaluated?*  
 Assets Covered **Targa PA**  
 Result Notes **Reviewed Public Awareness Plan section 11 Program Evaluation**
16. Question Result, ID, References **Sat, PD.PA.EVALIMPL.R, 195.440(c) (195.440(i), API RP 1162 Section 8.3)**  
 Question Text *Has an audit or review of the public awareness program implementation been performed annually since the program was developed?*  
 Assets Covered **Targa PA**  
 Result Notes **Reviewed Targa's "Evaluation of Program Implementation" form. A review has been done by staff annually since the program was developed.**
17. Question Result, ID, References **Sat, PD.PA.AUDITMETHODS.R, 195.440(c) (195.440(i), API RP 1162 Section 8.3)**  
 Question Text *Was one or more of the three acceptable methods (i.e., internal assessment, 3rd-party contractor review, or regulatory inspections) used to complete the annual audit or review of the public awareness program implementation?*  
 Assets Covered **Targa PA**  
 Result Notes **Targa uses internal assessment method to complete annual audits, reviewed the internal assessment forms for the annual audits. No issues.**
18. Question Result, ID, References **NA, PD.PA.PROGRAMIMPROVE.R, 195.440(c) (API RP 1162 Section 8.3)**  
 Question Text *Were changes made to improve the program and/or the implementation process based on the results and findings of the annual audit(s)?*  
 Assets Covered **Targa PA**  
 Result Notes **No such activity/condition was observed during the inspection.**
19. Question Result, ID, References **Sat, PD.PA.EVALEFFECTIVENESS.R, 195.440(c) (API RP 1162 Sections 8.4)**  
 Question Text *Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?*  
 Assets Covered **Targa PA**  
 Result Notes **Reviewed Targa's program effectiveness document provided by Paradigm, the program effectiveness evaluation was completed 2017. The effectiveness evaluation was performed for all stakeholder groups in all notification areas along all systems covered by the program. No issues**
20. Question Result, ID, References **Sat, PD.PA.MEASUREOUTREACH.R, 195.440(c) (API RP 1162 Section 8.4.1)**  
 Question Text *In evaluating effectiveness, was actual program outreach for each stakeholder audience tracked?*  
 Assets Covered **Targa PA**  
 Result Notes **Reviewed the Paradigm Program Effectiveness document and program outreach for each stakeholder audience was tracked. Stakeholder groups were affected public, excavators, schools, municipalities,**

public officials, and farmers. Approximately 25000 total mailers were sent out with approximately 80 responses.

21. Question Result, ID, References **Sat, PD.PA.MEASUREUNDERSTANDABILITY.R, 195.440(c) (API RP 1162 Section 8.4.2)**  
Question Text *In evaluating program effectiveness, was the percentage of each stakeholder audience that understood and retained the key information from the messages determined?*  
Assets Covered **Targa PA**  
Result Notes **Reviewed the Paradigm Program Effectiveness documentation. The percentage of each stakeholder audience that understood and retained the key information from the messages was determined in the results by stakeholder audience section of the Pradigm effectiveness report.**
22. Question Result, ID, References **Sat, PD.PA.MEASUREBEHAVIOR.R, 195.440(c) (API RP 1162 Section 8.4.3)**  
Question Text *In evaluating program effectiveness, was evaluation made of whether appropriate preventive, response, and mitigative behaviors were understood and likely to be exhibited?*  
Assets Covered **Targa PA**  
Result Notes **Reviewed the Paradigm Program Effectiveness documentation. The evaluation is found in the results by stakeholder audience section of the Paradigm effectiveness report.**
23. Question Result, ID, References **NA, PD.PA.MEASUREBOTTOM.R, 195.440(c) (API RP 1162 Section 8.4.4)**  
Question Text *Did the operator attempt to measure bottom-line results of the program by tracking third-party incidents and consequences including: (1) near misses, (2) excavation damages resulting in pipeline failures, (3) excavation damages that do not result in pipeline failures?*  
Assets Covered **Targa PA**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
24. Question Result, ID, References **NA, PD.PA.CHANGES.R, 195.440(c) (API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)**  
Question Text *Were needed changes and/or modifications to the program identified and documented based on the results and findings of the program effectiveness evaluations?*  
Assets Covered **Targa PA**  
Result Notes **No such activity/condition was observed during the inspection.**

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Report Parameters: Results: all

Inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.