

RESOURCE REPORT EIGHT - LAND USE, RECREATION, AND AESTHETICS	
SUMMARY OF COMMISSION FILING INFORMATION	
Information	Found in
1. Classify and quantify land use affect by:	Section 8.1, Table 8.1-1
a) Pipeline construction and permanent rights-of-way;	Table 8.1-2
b) Extra work/staging areas;	Table 8.1-3
c) Access roads;	Table 8.1-4
d) Pipeline and contractor yards;	Table 8.1-3
e) Aboveground facilities.	Table 8.1-6
2. Identify by milepost all locations where the pipeline right-of-way will coincide at least partially with existing right-of-way, where it will be adjacent to existing rights-of-way, and where it will be outside of existing right-of-way. (§380.12(j)(1))	Section 8.1.1.2
3. Provide detailed typical construction right-of-way cross-section diagrams showing information such as widths and relative locations of existing rights-of-way, new permanent right-of-way, and temporary construction right-of-way. (§380.12(j)(1))	Resource Report 1, Appendix 1-B
4. Summarize the total acreage of land affected by construction and operation of the Project (§380.12(j)(1))	Section 8.1.1.2
5. Identify by milepost all planned residential or commercial/ business development and the time frame for construction. (§380.12(j)(3))	Section 8.2.1
6. Identify by milepost special land uses (e.g. maple sugar stands, specialty crops, natural areas, national and state forests, conservation land, etc. (§380.12(j)(4))	Section 8.3.2
7. Identify by beginning milepost and length of crossing all land administered by federal, state, or local agencies, or private conservation organizations. (§380.12(j)(4))	Section 8.3.1
8. Identify by milepost all natural, recreational, or scenic areas and all registered natural landmarks crossed by the Project (§§380.12(j)(4) and (6))	Section 8.3.2
9. Identify all facilities that will be within designated coastal zone management areas. Provide a consistency determination or evidence that a request for consistency determination has been filed with the appropriate state agency. (§§380.12(j)(4) and (7))	Section 8.3.3
10. Identify by milepost all residences that will be within 50 feet of the construction right-of-way or extra work area. (§380.12(j)(5))	Table 8.2-1
11. Identify all national or state wild and scenic rivers crossed by the Project (§380.12(j)(6))	Section 8.3.2
12. Describe any measures to visually screen aboveground facilities, such as compressor stations. (§380.12(j)(11))	Section 8.4
13. Demonstrate that applications for rights-of-way or other proposed land use have been or soon will be filed with federal land-managing agencies with jurisdiction over land that will be affected by the Project. (§380.12(j)(12))	Section 8.5

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8.0 RESOURCE REPORT 8 - LAND USE, RECREATION, AND AESTHETICS

This Resource Report describes, classifies, and quantifies the land that would be affected by construction and operation of the Project. This report will define the current land use and estimate the impact of construction on the Project area. Special construction techniques or other forms of mitigation to reduce impacts during construction and operation of the facilities are also discussed.

8.1 LAND USE

The Project traverses a variety of land types throughout Clearfield County, PA. The land affected by construction was identified and categorized using field and aerial surveys. For consistency, the land use and land cover classification system was derived from the Commission's "Guidance Manual for Environmental Report Preparation". Each land use classification with subcategories is provided below.

- **Agricultural Land.** Active cropland, orchards, vineyards or hayfields.
- **Industrial/Commercial Land.** Electric power or gas utility stations, manufacturing or industrial plants, landfills, mines, quarries, commercial or retail facilities and roads.
- **Residential Land.** Residential yards, residential subdivisions and planned new residential developments.
- **Rangeland.** Non-forested lands used primarily for grazing.
- **Open Land.** Non-forested lands and scrub-shrub wetlands used for open space or pasture.
- **Forest/Woodland.** Tracts of upland or wetland forests that would be removed for the construction ROW or extra work/staging areas.
- **Open Water.** Water crossings greater than 100 feet. For open water calculations, all streams with a four-foot width and greater were included.
- **Other.** Miscellaneous special use areas (land associated with schools, places of worship, cemeteries, sports facilities, campgrounds, golf courses, ball fields, etc.).

8.1.1 Pipeline Facilities

The Project involves the construction of the approximately eight-mile pipeline identified in Table 1.1-1. The following sections address the land use for the Project. Construction of this pipeline will require additional temporary EWS, staging areas, and access roads. Table 8.1-1 presents the land use percentages crossed by the pipeline.

Table 8.1-2 addresses the acreage affected by construction and operation of the pipeline. Table 8.1-3 outlines the existing ROWs encountered by the pipeline. Table 8.1-4 lists the temporary EWS and staging area required for the Project. Table 8.1-5 lists the access roads required for the pipeline.

8.1.1.1 Construction and Permanent ROWs

T. W. Phillips will use a 75-foot wide ROW for construction with a 50-foot wide permanent ROW to remain after construction. The 75-foot wide construction ROW will consist of 25 feet of ROW on one side of the pipeline centerline and 50 feet on the other side, of which 25 feet are to be used for temporary construction purposes, and the 25 feet adjacent to the pipeline will be permanent ROW. In areas where topsoil storage is required, additional EWS may be utilized.

Once construction is completed, the construction ROW will be restored. Resource Report 1, Section 1.3.1.7, discusses proposed restoration methods. Some areas will require additional EWS beyond the 75-foot construction ROW. These areas are identified by MP in Table 8.1-4. These areas include streams, roads, agricultural areas, etc., and are shown on the CAS.

The 50-foot wide permanent ROW, centered over the pipeline, will enable access for operation and maintenance of the pipeline. The area will be restored to the previous land use in agricultural, industrial/commercial, residential, and open land areas. Existing forest areas will be maintained in herbaceous conditions and maintained every three years. Refer to Appendix 1-B for construction and permanent ROW cross-sections and additional details on pipeline placement.

Land use characteristics for the Project have been tabulated by measuring each land use category crossed by the pipeline construction and permanent ROW. The results of the tabulations are shown in Tables 8.1-1 and 8.1-2 by county.

8.1.1.2 Existing ROW

Existing utility ROWs encountered by the proposed pipeline are identified in Table 8.1-3.

8.1.1.3 Extra Work/Staging Areas

T. W. Phillips will utilize work areas/staging areas during construction of the proposed facilities. These include EWS at road crossings, waterbodies, wetland crossings, or HDD crossings; in areas of steep slope or where blasting is required; or at the beginning and end of pipeline segments for contractor mobilization/demobilization. These EWS and staging areas are shown on the CAS. T. W. Phillips also proposes two temporary pipeyard/contractor yards for the Project. Table 8.1-4 identifies the anticipated extra work or staging areas and their acreage of disturbance for the pipeline ROW.

8.1.1.4 Access Roads

Temporary access roads will be required to access the proposed ROW during construction activities. T. W. Phillips has identified existing farm roads, private drives, logging roads, Jeep trails, or other private roads that may be used during construction. Project access roads, including descriptions of existing roads, are listed in Table 8.1-5 and are shown on the CAS. One new road is proposed for the Project to access the proposed pipeyard. This road will cross a narrow wooded area and enter an existing agricultural field.

Access roads may be improved and maintained to a maximum width of 20 feet with expanded areas up to 50 feet in areas of tight turns and intersections with main roads. T. W. Phillips does not anticipate continued use of these roads during operation of the pipeline. Improvements to roads will be left in place after construction unless their removal is requested by the landowner(s).

8.1.1.5 Pipe and Contractor Yards

One temporary pipeyard location has been proposed for the Project, and is shown on the CAS. Refer to Table 8.1-4 for more information.

8.1.2 Aboveground Facilities

The land use affected by construction and operation of the Project and the meter stations is presented in Table 8.1-6. The proposed mainline valves will be placed within the permanent pipeline ROW and metering and regulating station work space and are accounted for in Table 8.1-2.

8.1.3 Facility Abandonment/Replacement

While T. W. Phillips has no definitive expansion plans at this time the company believes there may be demand for incremental capacity in the future and will evaluate requests for expansion capacity as they arise. T. W. Phillips has no abandonment plans in place at this time.

8.1.4 Mitigation

Impacts to land use types including agriculture, forest, industrial/commercial, open land, rangeland, water, and residential are shown in Table 8.1-1. The main land use types impacted by the Project include forest, industrial/commercial, open land, and agriculture. The Project is proposed to be constructed in a rural area with abundant forest habitat. Potential impacts to forested areas from this Project include loss and fragmentation of forest habitat, increased erosion and sedimentation, and increased runoff.

T. W. Phillips has designed the Project to minimize impacts to forested areas to the extent practicable by constructing in open areas, industrial/commercial areas, and agricultural areas where feasible. The limited clearing is not expected to significantly reduce forest habitat in the Project area. Furthermore, forest areas adjacent to the pipeline will remain sufficiently large (hundreds of acres) and therefore little to no impact from fragmentation is anticipated. T. W. Phillips will follow the Project E&SCP which is consistent with the Commission's Plan and Procedures with the exception of items described in the E&SCP. With these measures in place T. W. Phillips does not anticipate significant impacts from erosion, sedimentation, or runoff associated with this Project.

T. W. Phillips will use topsoil segregation during construction in agricultural areas. The pipeline in these areas will have a minimum of four feet of cover to prevent interference with agricultural activities such as plowing. Therefore, impacts from construction in agricultural areas will be temporary. To mitigate for temporary loss of crops during construction, T. W. Phillips will negotiate to reimburse farmers as appropriate for lost crop yields due to construction activities.

Impacts to open water are associated with the Clearfield Creek crossing. T. W. Phillips intends to cross Clearfield Creek using the HDD method and therefore does not anticipate any impacts to the use of the waterbody.

8.2 RESIDENTIAL AREAS

8.2.1 Planned Residential and Commercial Areas

T. W. Phillips is contacting county and local planning agencies to identify all planned residential developments and subdivisions that would be crossed by or located within 0.25-mile of the construction work areas. To date, the agency responses have not identified any planned developments within 0.25-mile of the Project areas.

No residences or structures are located within 50 feet of the construction work area of the Project.

8.2.2 Residential Mitigation

In residential areas, T. W. Phillips will implement topsoil segregation and will revegetate or reseed areas impacted by construction using an approved seed mixture or a seed recommended by the landowner. If plants used for landscaping are removed from the construction area, they will be replaced with similar plants or with plants recommended by the landowner as appropriate.

In the event that a conflict arises between a landowner and T. W. Phillips, T. W. Phillips will follow the Environmental Complaint Resolution Procedure (Appendix 8-A). This procedure provides landowners with clear and simple directions for identifying and resolving their environmental mitigation concerns during construction of the Project and

restoration of the ROW. T. W. Phillips will mail the complaint procedures to each landowner whose property is crossed by the Project.

8.3 PUBLIC LAND, RECREATION, AND OTHER DESIGNATED AREAS

The Project does not cross lands administered by state, county, local, or private conservation agencies. No lands administered by federal agencies are crossed by the Project.

8.3.1 Public or Conservation

Other significant or sensitive habitats, such as breeding, rearing, or nesting areas, migration routes, overwintering cover or forage areas will not be impacted by the Project.

According to a review of USGS topographic maps and ESRI ArcGIS StreetMap USA transportation base layers, there are two Captive Hazardous Waste Operations listed by the PaDEP Waste Management Hazardous Waste Program within 0.25-mile of the pipeline. This program regulates Universal Wastes indicating a large cross section of the regulated community ranging in size from large industrial complexes to individual households. At the north end of the proposed route in an industrial park along the West Branch Susquehanna River is Harbison Walker Refractories (hazardous generator and storage facility, PAD980554513) (MP-7.91) which upon field review appears to have been demolished to allow for construction of the ethanol plant. Another Hazardous Waste Operation is located near Golden Rod Farms along Twenty-Eighth Division Highway (US 322), Automart of Clearfield (PA0000114843) (MP-6.17). Presumably, this operation is for the storage of limited amounts of used motor oil after oil changes, and is approximately 500 feet from the pipeline centerline. Therefore, no impacts to the Automart of Clearfield property are anticipated.

8.3.2 Natural, Recreational, or Scenic Areas

No trails or rivers designated for study for inclusion in the National Wild and Scenic Rivers System, the National Trails System, or wilderness areas designated under the Wilderness Act are located within 0.25-mile of the Project area. According to a review of USGS topographic maps and ESRI ArcGIS StreetMap USA transportation base layers, there are three hiking or pedestrian trails within 0.25-mile of the proposed pipeline. Access to these trails is not anticipated to be impacted by the Project.

No scenic highways/byways were found in the area and no scenic rivers are near the Project. The nearest scenic river, as well as wildlife management areas with significant recreation, are described in Resource Report 3. No impacts to these resources are anticipated due to their distance from the Project.

Two churches, St. John's Baptist Church (MP-7.79), and Glad Tidings Assembly of God Church (MP-6.14), are located within 0.25-mile of the Project area. No impacts on access to the churches are anticipated as a result of this Project.

No schools are located within 0.25-mile of the Project area.

According to PHMC and PA Department of Transportation Cultural Resources Geographic Information System (CRGIS), which contains both state and federal National Register of Historic Places listed sites, no historic sites located within 0.25-mile of the Project area.

8.3.3 Coastal Zone Management Areas

The Project is not located within a coastal zone management area.

8.3.4 Agency and Landowner Consultation

Agency consultation correspondence is presented in the appendices of the appropriate resource reports. Any additional correspondence will be promptly filed with the Commission.

Two open house meetings were held on May 29, 2008 in Clearfield, PA to inform landowners and the general public about the Project. Attendees included affected landowners, T. W. Phillips personnel and their consultants, and a Commission representative. Project details available at the time of the meeting were presented and questions were addressed. Subsequent to the open house meetings, several letters have been received by landowners potentially impacted by the Project. Concerns generally included limiting ATV traffic crossing landowner properties, how lumber from clearing would be disposed of, and comments on the precise location of the pipeline on certain properties. Comments received have been addressed and some items incorporated into the current Project design and include the following adjustments:

- One area of the pipeline was adjusted slightly to directly abut multiple parcels' property lines subsequent to a civil survey of the property lines. This occurred in an area south of Long Run Road.
- At the request of a landowner, the pipeline was routed on to a Pennsylvania American Water property adjacent to Twenty-Eighth Division Highway (US 322).
- One landowner asked that the pipeline be routed to cross their property in another location to avoid impacts to the property lawn and allow for future construction on the parcel. This occurred in an area on the eastern portion of Roaring Run Lane.

These adjustments are described in further detail in Resource Report 10, Alternatives. Consultation with landowners and agencies is ongoing and may lead to further design changes that will be incorporated in future submissions to the Commission if required.

8.3.5 Impact and Mitigation

Impacts of constructing facilities across public land and private and public recreation areas will be temporary. No impacts to access of commercial or residential areas are anticipated as a result of this Project. T. W. Phillips will discuss appropriate construction timing and safety measures with the landowner/managing agency, and will include site-specific measures on the CAS as the Project progresses.

8.4 VISUAL RESOURCES

The Project is not located in close proximity to any designated visually sensitive areas.

The number of aboveground facilities is limited to a metering station, regulating station, and three mainline valve sets. Mainline valves will typically be installed within rural areas. The metering and regulating sites will be enclosed within fences. This location, as well as any valve set within reasonable view shed of residences, will also include the installation of trees and/or shrubbery alongside and outside of the fencing.

8.5 APPLICATIONS FOR ROWs AND OTHER LAND USE

No applications for ROW or other proposed land use with jurisdiction over land that would be affected by the Project has been identified.

8.6 REFERENCES

GAI Consultants, Inc. 2008. Field surveys conducted between March 2008 and July 2008 for the Bionol Clearfield Pipeline Project. Clearfield County, Pennsylvania.

Pennsylvania Historical and Museum Commission. *Cultural Resources Geographic Information System*. <https://www.dot7.state.pa.us/ce/>. Accessed July 29, 2008.

T. W. Phillips Pipeline Corp. Bionol Clearfield Pipeline Project Open House Meetings. Days Inn, 14451 Clearfield-Shawville Highway, Clearfield, PA. May 29, 2008.

United States Environmental Protection Agency. 2004. Envirofacts Database. <http://www.epa.gov/enviro>

United States Geological Survey. 1993. Glen Richey, PA 7.5-Minute Topographic Quadrangle.

United States Geological Survey. 1981. Clearfield, PA 7.5-Minute Topographic Quadrangle, revised 1993.

Table 8.1-1

LAND CROSSED BY THE PIPELINE

County	Agriculture		Forest		Industrial/ Commercial		Open Land		Rangeland		Water		Residential		Total	
	Mile	%	Mile	%	Mile	%	Mile	%	Mile	%	Mile	%	Mile	%	Mile	%
Clearfield	0.35	4.4	5.59	70.4	1.10	13.9	0.85	10.7	0.00	0.00	0.04	0.5	0.01	0.1	7.94	100.0

Table 8.1-2

ACREAGE AFFECTED BY CONSTRUCTION AND OPERATION OF THE PROJECT

County	Agriculture		Forest		Industrial/ Commercial		Open Land		Rangeland		Water		Residential		Total	
	Const. ROW (acres)	Perm. ROW (acres)	Const. ROW (acres)	Perm. ROW (acres)	Const. ROW (acres)	Perm. ROW (acres)	Const. ROW (acres)	Perm. ROW (acres)	Const. ROW (acres)	Perm. ROW (acres)	Const. ROW (acres)	Perm. ROW (acres)	Const. ROW (acres)	Perm. ROW (acres)	Const. ROW (acres)	Perm. ROW (acres)
Clearfield	10.08	2.20	52.01	34.32	12.94	7.13	12.78	4.82	0.00	0.00	0.36	0.23	0.18	0.11	88.35	48.81

Table 8.1-3

EXISTING ROWS INTERSECTED BY OR PARALLEL TO THE PROJECT

Milepost		Type of Existing ROW	Description (company, diameter, status of use)	Relationship of Existing ROW ¹	Width of Existing ROW (feet) ²	Width of Existing ROW Used for Temporary Construction (feet)	Permanent ROW Use Overlap (acres)
Start	End						
1.3	1.5	Electric Transmission	Penelec	Parallel	25	25	0.23
1.5	1.5	Road	Hogback HI (SR 2027)	Crossed	50	50	0.06
3.1	3.1	Road	Long Run Road	Crossed	50	50	0.06
5.1	5.1	Railroad	R. J. Corman	Crossed	50	50	0.06
5.1	5.5	Road	Roaring Run Lane	Parallel	50	50	2.21
5.6	5.7	Road	28th Division Highway (US 322)	Parallel	100	10	0.15
6.0	6.3	Electric Transmission	Penelec	Parallel	100	25	0.90
6.5	6.5	Road	28th Division Highway (US 322)	Crossed	100	100	0.17
6.8	6.8	Road	County Road	Crossed	50	50	0.09
7.1	7.1	Railroad	R. J. Corman	Crossed	50	50	0.06
7.2	7.2	Railroad	R. J. Corman	Crossed	50	50	0.06
7.5	7.8	Road	Unknown Local	Parallel	50	50	1.43
7.8	7.9	Road	28th Division Highway (US 322)	Parallel	100	20	0.39
Total							5.87

Notes:

- ¹ Measurements to the left and right are measured from the centerline, taken from the CAS.
- ² Widths were taken from aerial photographs and have not been verified in the field.

Table 8.1-4

TEMPORARY EXTRA WORK SPACE REQUIRED FOR THE PROJECT

Location (milepost)	Designation	Dimensions (feet)	Total Acres	Existing Land Use	Purpose of Extra Work Space
Not Applicable	Old Erie Pike Road Pipeyard	296 by 535	3.51	Agricultural	Parking/Storage/Staging
2.55	EWS Foxwood Road West	318 by 56 by 330	0.21	Open Land	Turnaround Area
2.55	EWS Foxwood Road East	211 by 325	1.54	Open Land	Railroad Crossing Workspace
Not Applicable	Long Run Road Pipeyard	191 by 143	0.62	Commercial	Parking/Storage/Staging
3.61	EWS Plain Mine Road South	251 by 170 by 295	0.48	Open Land	Stringing and Turnaround Area
3.71	EWS Plain Mine Road West	37 by 148 by 144	0.06	Open Land	Stringing and Turnaround Area
3.74	EWS Plain Mine Road East	273 by 68 by 274	0.22	Open Land	Stringing and Turnaround Area
4.42	EWS Penelec Turnaround	162 by 100	0.37	Open Land	Turnaround Area
5.05	EWS Roaring Run Southwest	353 by 73	0.33	Forest	Railroad Crossing/Work Space
5.05	EWS Roaring Run Southeast	72 by 70.5	0.11	Forest	Railroad Crossing/Work Space
5.09	EWS Roaring Run Northwest	112 by 45	0.12	Forest	Railroad Crossing/Work Space
5.09	EWS Roaring Run Northeast	121 by 74 by 143	0.10	Forest	Railroad Crossing/Work Space
6.43	EWS Twenty-Eighth Division Road West	298 by 134 by 393	0.64	Open Land	Road Crossing for US 322
6.43	EWS Twenty-Eighth Division Road East	467 by 136	1.07	Open Land	Road Crossing for US 322
6.71	EWS Clearfield Creek South	317 by 43	0.65	Forest	Road Crossing for US 322
6.83	EWS Clearfield Creek Northwest	69 by 264	0.36	Agricultural	Clearfield Creek Stream Crossing
6.83	EWS Clearfield Creek Northeast	214 by 183	0.87	Agricultural	Clearfield Creek Stream Crossing
7.07	EWS Railroad North	204 by 161	0.77	Agricultural	Clearfield Creek Stream Crossing

Table 8.1-5

ACCESS ROADS REQUIRED FOR THE PROJECT

Access Road	Milepost	Length of Access Road (feet)	Existing or New Road	Existing Access Road Approximate Width (feet)¹	Existing Surface	Typical Maximum Width to Widen Access Road (feet)²	After Construction, Will Area be Restored?
AR-1	0.0	142	Existing	15	Dirt Trail	20	No
AR-2	Not Applicable	97	New	-	-	20	Yes
AR-3	2.5	2,314	Existing	15	Gravel and Dirt Road	20	No
AR-4	3.4	1,738	Existing	15	Gravel Driveway	20	No
AR-5	Not Applicable	375	Existing	10 to 15	Gravel and Dirt Road	20	No
AR-6	3.7	3,551	Existing	15	Gravel Road	20	No

Notes:

- ¹ The width was approximated from a field review.
- ² Additional width of up to 50 feet may be required at sharp bends or intersections with main roads.

Table 8.1-6

**ACREAGE AFFECTED BY CONSTRUCTION AND
 OPERATION OF THE ABOVEGROUND FACILITIES**

Construction Item	Forest		Industrial/ Commercial		Total	
	Temp. Disturb.	Perm. Disturb.	Temp. Disturb.	Perm. Disturb.	Temp. Disturb.	Perm. Disturb.
Metering Station	0.20	0.20	0.00	0.00	0.20	0.20
Mainline Valve 1 ¹	0.00	0.00	0.00	0.00	0.00	0.00
Mainline Valve 2 ¹	0.00	0.00	0.00	0.00	0.00	0.00
Mainline Valve 3 ¹	0.00	0.00	0.00	0.00	0.00	0.00
Regulating Station	0.00	0.00	0.23	0.23	0.23	0.23
Totals	0.20	0.20	0.23	0.23	0.43	0.43

Note:

- ¹ These facilities will be located within the proposed 50-foot ROW and will require no additional land disturbance.

APPENDIX 8-A

ENVIRONMENTAL COMPLAINT RESOLUTION PROCEDURE

ENVIRONMENTAL COMPLAINT RESOLUTION PROCEDURE

T. W. Phillips Pipeline Corp. (T. W. Phillips) will use the following complaint resolution procedure to provide landowners with clear and simple directions for identifying and resolving their environmental mitigation problems or concerns during construction of the Project and restoration of the site. Prior to construction, T. W. Phillips' Land and Right-of-Way Contractor will mail the complaint procedure to each landowner affected by the construction of the Project.

In the letter provided to landowners, T. W. Phillips will:

1. provide a local contact for the Project (866-944-8006) that the landowners will call first with their concerns, the letter will indicate how soon a landowner should expect a response;
2. instruct the landowners that, if they are not satisfied with the response, they should call the T. W. Phillips hotline (800-522-8416), and the letter will indicate how soon to expect a response; and
3. instruct the landowners that, if they are not satisfied with the response from T. W. Phillips, they should contact FERC's Enforcement Hotline (1-888-889-8030).

A sample of this letter (Figure 1) has been provided.

Upon receipt of any complaints, the on-site supervisor will be responsible for responding to the affected landowner the next business day. The on-site supervisor will also be responsible for the resolution of the problem/concern. All information relative to the complaint resolution will be recorded in the environmental complaint resolution table, which will be included in a monthly report to FERC.

FIGURE 1.

SAMPLE ENVIRONMENTAL COMPLAINT RESOLUTION PROCEDURE LETTER

_____, 2009

Name
Address
Address

T. W. Phillips Pipeline Corp.
Bionol Clearfield Pipeline Project
Clearfield County, Pennsylvania

Dear Landowner:

On _____ (**DATE**), T. W. Phillips Pipeline Corp. (T. W. Phillips) received its Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) authorizing construction of the facilities that make up the Bionol Clearfield Pipeline Project (Project) (FERC Docket No. CP08-____-000). On behalf of T. W. Phillips, Arrow Land Solutions, LLC will be providing assistance with the land management of the Project. In advance of construction of the facilities, we want to make you aware of our Environmental Complaint Resolution Procedure. The procedure will provide you and other landowners with the opportunity to express environmental concerns during the construction and restoration activities.

The environmental issues that apply to the Project will include stream crossings, wetland crossings, and land clearing, as well as land reclamation after construction activities are completed. To minimize environmental impacts, T. W. Phillips will implement procedures that include the use of soil erosion and sediment control structures and the use of construction techniques to control soil movement. In addition, T. W. Phillips will establish time limits for conducting certain activities in order to minimize exposure to potential environmental impacts. T. W. Phillips will be using the services of environmental staff to ensure compliance with any applicable environmental regulations, approvals and or permits.

If you have any environmental concerns or wish to identify problems concerning any environmental issues during the construction or restoration activities, please use the following procedure:

Name _____, 2009

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- **If you are calling to report an environmental concern relating to the Project construction, please call T. W. Phillips' Land Management Team at ____-____-_____. If you call this number and need to leave a message, you will receive a return call no later than the next business day.**
- **If you are not satisfied with T. W. Phillips' response, then you should call T. W. Phillips' hotline at ____-____-_____. You will receive a response from messages left at this number within the next business day.**
- **If, after the above attempts, you are still not satisfied with the response from T. W. Phillips, you should contact FERC's Enforcement Hotline at 1-888-889-8030.**

It is T. W. Phillips' intent and desire to safely construct our facilities in a diligent, prudent and workmanlike fashion. It is our hope that no concerns arise regarding efforts to perform our work with the least environmental impact. However, we wish to provide you with this procedure to allow a means for timely resolution of any problems or concerns that may arise.

Thank you for working with us throughout the Project thus far. We look forward to a successful construction season.

Sincerely,

Paul W. Becker
Vice President
Operations and Engineering
T. W. Phillips Pipeline Corp.

ENVIRONMENTAL COMPLAINT STATUS TABLE

T. W. Phillips will include a table with a monthly environmental compliance report to be submitted to FERC. The table will document landowner complaints, problems, or concerns. The table will include:

1. the date of the call;
2. the identification from the certificated alignment sheets of the affected property;
3. the description of the complaint or problems/concerns; and
4. an explanation of how and when the problem was resolved, will be resolved, or why it has not been resolved.

A sample of this table (Table 1) has been provided.

