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May 20, 2008

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington DC 20426

Re: Rockies Express Pipeline Project, REX-East
State Agricultural Impact Mitigation Agreements (AIMA)
Docket No. CP07-208-000

Dear Ms. Bose:

Enclosed for filing are the Agricultural Impact Mitigation Agreements ("AIMAs") that have been negotiated and executed between Rockies Express Pipeline LLC ("Rockies Express") and the following states: Illinois, Indiana and Ohio. Each state AIMA applies to the construction of the REX-East pipeline across agricultural lands in that state. No AIMA was prepared for Missouri, as the state indicated that the previously filed Agricultural Impact Mitigation Plan would suffice to minimize impacts to agricultural lands.

Rockies Express intends to comply with the provisions of each respective AIMA as it applies to the applicable state. Rockies Express believes that this is the expectation of the parties to the AIMA as well as the Commission Staff, as expressed during an earlier public conference during the preparation of the Final Environmental Impact Statement ("FEIS") for the REX-East Project. In the event any provisions of an individual AIMA are inconsistent with any requirement in a certificate order issued for the REX-East Project, Rockies Express will comply with the certificate order and attempt to resolve the inconsistency, if necessary, with the respective state. In keeping with the commitments of Rockies Express to each of the states, Rockies Express will work diligently with the Commission Staff to implement each AIMA.

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If there are any questions with regard to this matter, please contact the undersigned.

Sincerely,

/s/ J. Curtis Moffatt
J. Curtis Moffatt
Shippen Howe
Van Ness Feldman, P.C.
1050 Thomas Jefferson Street, N.W.
Suite 700
Washington D.C. 20007
(202) 298-1800

Attorneys for Rockies Express Pipeline LLC

Attachments

cc: Alisa Lykens
Laura Turner
All Parties



Rod R. Blagojevich, Governor
Thomas E. Jennings, Acting Director

Bureau of Land and Water Resources

State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/782-6297 • TDD 217/824-6835 • Fax 217/357-0493

March 12, 2008

Mr. Allen Fore, Senior Vice President
Fleishman-Hillard
200 North Broadway
St. Louis, Missouri 63102

Dear Mr. Fore:

Thank you for providing the signed Agricultural Impact Mitigation Agreements (AIMA) as requested in the Illinois Department of Agriculture's February 29, 2008 correspondence to you regarding the Rockies Express Pipeline LLC 42-inch natural gas pipeline project that will be constructed across Illinois and other states.

General Counsel Thomas W. Kelty has signed the document on behalf of IDOA Acting Director Thomas E. Jennings. Please find attached an original of the fully executed AIMA for your files. We believe the AIMA will greatly increase the compatibility of the pipeline project with the agricultural community.

Feel free to contact me with any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Steven D. Chard".

Steven D. Chard, Acting Chief
Bureau of Land and Water Resources

Copy: Jared Thornley, IDOA
Tom Kelty, IDOA
Terry Savko, IDOA

Enclosure

AGRICULTURAL IMPACT MITIGATION AGREEMENT
between the
Rockies Express Pipeline LLC
and the
ILLINOIS DEPARTMENT OF AGRICULTURE
in
PIKE, SCOTT, MORGAN, SANGAMON, CHRISTIAN, MACON,
MOULTRIE, DOUGLAS and EDGAR COUNTIES, ILLINOIS
pertaining to the construction of a
42-inch NATURAL GAS PIPELINE AND RELATED APPURTENANCES

The Illinois Department of Agriculture (IDOA) and Rockies Express Pipeline LLC ("Rockies Express") agree to the following measures which the Rockies Express Pipeline LLC will implement as it constructs a natural gas pipeline under agricultural land in Illinois as described in the Company's application to the Federal Energy Regulatory Commission (FERC) for a Certificate of Public Convenience and Necessity (Certificate), FERC Docket No. CP07-208. The mitigative actions will serve to minimize the agricultural impacts that may occur due to pipeline construction.

The following pipeline construction standards and policies are recommended to help preserve the integrity of any agricultural land that is impacted by pipeline construction. They were developed with the cooperation of agricultural agencies, organizations, landowners, tenants, drainage contractors, and pipeline companies.

The below prescribed construction standards and policies are applicable to construction activities occurring partially or wholly on privately owned agricultural land. With the exception of Item No. 3, they are not intended to apply to construction activities occurring entirely on public right-of-way, railroad right-of-way, publicly owned land, or privately owned land that is not agricultural land. The Company shall, however, adhere to the construction specifications in this agreement relating to the repair of outlets for drain tile and/or surface drainage when they are encountered on lands owned or leased by others.

INTRODUCTION

The Rockies Express Pipeline (Company) shall retain qualified Agricultural Inspectors on each work phase of the project. This shall include the initial construction plan development, the construction, the initial restoration, and the post-construction monitoring and follow-up restoration. The Agricultural Inspector shall act to assure that the provisions set forth in this document or in any separate agreement, will be adhered to in good faith by the Company and by the pipeline installation contractor(s), and that all agreements protect the resources of both the Landowner and the Company.

The Agricultural Inspector shall assist with the collection and analyzing of site-specific agricultural information gathered for the construction plan development by the Company. This information shall be obtained through field review as well as direct contact with affected landowners and farm operators, local County Soil and Water Conservation Districts (SWCDs), Agricultural Extension Agents, and others. The Agricultural Inspector shall maintain contact with the appropriate onsite Project Inspectors throughout the construction phase. The Agricultural Inspector also shall maintain contact with the affected Landowners and farm operators in conjunction with Company rights-of-way agents, as well local county Soil and Water

Conservation District personnel concerning farm resources and management matters pertinent to the agricultural operations and the site-specific implementation of the construction plan. The Company shall provide a courtesy copy of information to the appropriate local County Soil and Water Conservation Districts at any time a request for a construction plan modification is submitted.

The Company will employ Agricultural Inspectors that are at a minimum thoroughly familiar with the following:

- Rockies Express Plans and Procedures
- Pipeline Construction Sequences and Process
- Trained in all aspects of soil and water conservation
- Familiar with farm operations
- Good oral and written communication skills
- Ability to work closely with the landowners and project sponsor

The Company will employ a minimum of one Agricultural Inspector per construction (installation) spread.

The Company shall encourage its pipeline contractor(s) to use, where and if available, local drain tile contractors to redesign, reconstruct, and/or repair any drain tile lines that are affected by the pipeline installation. Often the local contractors may have installed the Landowner's drain tile system and can have valuable knowledge as to the location, depth of cover, appurtenances, and any other factors affecting the tile operation. The drain tile contractor(s) shall follow the attached construction specifications. (Refer to 3.D)

The Company shall provide the Landowner a copy of that portion of the final plans that affect his property and any plans or maps that contain the information described below concerning agricultural areas and or uses.

Unless a Landowner's easement specifically provides to the contrary, the actions specified in the pipeline standards and construction specifications contained in this Agreement will be implemented in accordance with the conditions listed below:

- A. The Company shall provide a copy of this Agreement to the Landowner or Landowner's Designate and Tenant prior to obtaining an easement from said Landowner. Additionally, Rockies Express will provide a copy of this Agreement to each of the Soil and Water Conservation Districts and Farm Bureau offices in counties through which the pipeline traverses.
- B. All actions may be subject to change by Landowners, provided such changes are negotiated in advance of construction, maintenance and repairs and acceptable to the Company, FERC and any permitting agency. To satisfy FERC requirements, any modification to an action must provide an equal or greater level of environmental protection than the original action and may need the approval of FERC before it can be implemented.
- C. The Company may negotiate with Landowners or Landowner's Designates to carry out the actions that Landowners wish to perform themselves, but shall not compensate the

landowner for any measures carried out themselves until final inspection has been approved by the Company.

- D. All mitigative actions employed by Rockies Express, unless otherwise specified in these construction standards and policies or in an easement negotiated with a Landowner, will be implemented within 45 days of completion of the pipeline facilities on any affected property, weather and landowner permitting. Temporary repairs will be made by Rockies Express during the construction process as needed to minimize the risk of additional property damage that may result from an extended construction time period. If weather delays the completion of any mitigative action beyond the 45 day period, Rockies Express will provide the affected Landowner(s) with a written estimate of the time needed for completion of the mitigative action.
- E. Rockies Express will provide the IDOA with one set of mailing labels of all landowners and known tenants, on a county-by-county basis, who are affected by the proposed pipeline. As the list of affected Landowners and tenants is updated, the Company will notify the IDOA of any additions or deletions. The IDOA will use the labels for mailing this Agreement to the landowners and tenants.
- F. Unless otherwise agreed to by Landowners or Landowners' Designates, all actions pursuant to this Agreement shall extend to associated future construction, maintenance and repairs by the Company.
- G. After construction, Rockies Express will provide the Landowners and IDOA with drawings showing the location by survey station of tile lines encountered in the construction of the pipeline. The drawings will include a depth measurement from existing ground and will be provided on a county-by-county basis to the local SWCDs.
- H. The Company shall implement the actions contained in this Agreement to the extent that they do not conflict with the requirements of any applicable federal, state and local rules and regulations and other permits and approvals that are obtained by the Company for the project.
- I. Each action contained in this Agreement shall be implemented to the extent that such action is not determined to be unenforceable by reason of the actions approved by, or other requirements, of the FERC Certificate issued for the project. The Company agrees to include this Agreement as part of its submissions to FERC and hereby expressly agrees to the inclusion of the terms contained in this Agreement in the Environmental Impact Statement to be issued in conjunction with the anticipated Certificate of Public Convenience and Necessity.
- J. Prior to the construction of the pipeline, the Company shall provide each Landowner or Landowner's Designate and Tenant with a telephone number and address which can be used to contact the Company, both during and following the completion of construction, regarding the work that was performed on their property or any other construction-related matter. The Company shall respond promptly to Landowner or Landowner's Designate and Tenant telephone calls and correspondence.

- K. If any provision of this Agreement is held to be unenforceable, no other provision shall be affected by that holding, and the remainder of the Agreement shall be interpreted as if it did not contain the unenforceable provision.
- L. A local forester shall be hired by the Company to appraise the merchantable value of any timber to be cut for construction of the pipeline. The Landowner shall be compensated 100 percent of the value.

Definitions

Agricultural Land

Land used for cropland, hayland, pasture land, truck gardens, farmsteads, commercial ag-related facilities, feedlots, livestock confinement systems, land on which farm buildings are located within 100 feet of the pipeline, and land in government set-aside programs.

Best Management Practice (BMP)

Any structural, vegetative or managerial practice used to treat, prevent or reduce soil erosion. Such practices may include temporary seeding of exposed soils, construction of retention basins for storm water control and scheduling the implementation of all BMPs to maximize their effectiveness.

Company

Rockies Express Pipeline LLC, hereafter referred to as "Rockies Express", utility company, and any contractor or sub-contractor in the employ of Rockies Express for the purpose of completing the pipeline or any mitigative actions contained herein, its successors, and assigns, on its own behalf and as operator of the Company.

Cropland

Land used for growing row crops, small grains, or hay; includes land which was formerly used as cropland, but is currently in a government set-aside program and pastureland that was formerly utilized as cropland or is comprised of prime farmland.

Drain Tile

Any artificial subsurface drainage system including, but not limited to, clay and concrete tile, vitrified sewer tile, corrugated plastic tubing, and stone drains.

Landowner

Person(s) holding legal title to property on the pipeline route from whom Rockies Express is seeking, or has obtained, a temporary or permanent easement.

Landowner's Designate

Any person(s) legally authorized by a landowner to make decisions regarding the mitigation or restoration of agricultural impacts to such landowner's property.

Non-Agricultural Land

Any land that is not "Agricultural Land" as defined above.

Pipeline

The pipeline and its related appurtenances described in the Company's application to the Federal Energy Regulatory Commission for a Certificate of Public Convenience and Necessity.

Prime farmland

Agricultural land comprised of soils that are defined by the USDA Natural Resources Conservation Service as being "prime" soils (generally considered the most productive soils with the least input of nutrients and management).

Right-of-way

Includes the permanent and temporary easements that Rockies Express acquires for the purpose of constructing and operating the pipeline.

Surface Drains

Any surface drainage system such as shallow surface field drains, grassed waterways, open ditches, or any other conveyance of surface water.

Tenant

Any person lawfully residing on or leasing/renting of the land.

Topsoil

The upper most part of the soil commonly referred to as the plow layer, the A layer, or the A horizon, or its equivalent in uncultivated soils. It is the surface layer of the soil that has the darkest color or the highest content of organic matter (as identified in the USDA County Soil Survey and verified with right-of-way samples).

Construction Standards and Policies

1. Pipeline depth

- A. Except for aboveground piping facilities, such as mainline block valves, tap valves, meter stations, etc., the pipeline will be buried with:
1. a minimum of 5 feet of top cover where it crosses cropland.
 2. a minimum of 5 feet of top cover where it crosses pasture land or other agricultural land comprised of soils that are classified by the USDA as being prime soils.
 3. a minimum of 3 feet of top cover where it crosses pasture land and other agricultural land not comprised of prime soils.
 4. a minimum of 3 feet of top cover where it crosses wooded/brushy land.
 5. substantially the same top cover as an existing parallel pipeline, but not less than 5 feet, where the route parallels an existing pipeline within a 100 foot perpendicular offset and is comprised of soils that are classified by the USDA as being prime soils.
 6. a minimum of 60 inches of cover shall be maintained over the top of the pipeline where it crosses drains, diversions, grassed waterways, open ditches and streams.
- B. Notwithstanding the foregoing, in those areas where (i) rock in its natural formation and/or (ii) a continuous strata of gravel exceeding 200 feet in length are encountered, the minimum depth of cover will be 30 inches.
- C. On agricultural land subject to erosion, Rockies Express will patrol the pipeline right-of-way with reasonable frequency to detect areas of erosion of the top cover. In no instance will Rockies Express knowingly allow the depth of top cover to be less than 3 feet, except as stated in 1.B. above.

2. Soil Removal and Replacement

- A. The topsoil shall be determined by a properly qualified agricultural inspector, soil scientist or soil technician who will set stakes or flags every 200 feet along the right-of-way identifying the depth of topsoil to be removed.
- B. At a minimum, the actual depth of the topsoil, not to exceed 16 inches, will first be stripped from the area to be excavated above the pipeline and the subsoil storage area. The topsoil will be stored in a windrow parallel to the pipeline trench in such a manner that it will not become intermixed with subsoil materials. Rockies Express may conduct full right-of-way topsoiling, if acceptable to the Landowner. Topsoil may be stored at either edge of the right-of-way, or in some cases spread over the working side of the right-of-way, but not intermixed with subsoil materials.

- C. During the clearing/grading phase, the Agricultural Inspector shall monitor site-specific depths of topsoil stripping. Where right-of-way construction requires cut-and-fill of the soil profile across grades, to the extent practicable, topsoil stockpiling will be located on the up slope edge of the right-of-way. Where topsoil cannot be separately stored on the up slope side, suitable right-of-way space will be provided on the down slope side to ensure the complete segregation of the topsoil from all cut-and-fill material.
- D. All subsoil material that is removed from the trench will be placed in a second windrow parallel to the pipeline trench that is separate from the topsoil windrow.
- E. In backfilling the trench, the stockpiled subsoil material will be placed back into the trench before replacing the topsoil.
- F. Refer to Items Nos. 5.A and 5.B for procedures pertaining to rock removal from the subsoil and topsoil.
- G. Refer to Items Nos. 7.A through 7.C for procedures pertaining to the alleviation of compaction of the topsoil.
- H. The topsoil must be replaced so that after settling occurs, the topsoil's original depth and contour will be restored. The same shall apply where excavations are made for road, stream, drainage ditch, or other crossings. In no instance will the topsoil materials be used for any other purpose.

3. Repair of Damaged Drain Tile Lines

All drain tile repair and/or replacement shall be completed prior to topsoil replacement.

If underground drain tile is damaged by the pipeline installation, it shall be repaired in a manner that assures the drain tile proper operating condition at the point of repair. If underground drain tile lines in the pipeline construction area are adversely affected by the pipeline construction, the Company will take such actions as are necessary to insure the proper functioning of the drain tile lines, including the relocation, reconfiguration, and replacement of the existing drain tile lines. The following standards and policies shall apply to the drain tile line repair:

- A. The Company shall make a conscientious effort to locate all drain tile lines within the right-of-way prior to the pipeline installation. The Company will contact affected Landowners and/or Tenants for their knowledge of drain tile line locations prior to the pipeline installation. All identified drain tile lines will be marked with a highly visible lathe to alert construction crews to the need for drain tile line repairs.
- B. During construction, all drain tile lines that are damaged, cut, or removed shall be distinctly marked by placing a highly visible lathe in the trench spoil bank directly opposite each drain tile line. This marker shall not be removed until the drain tile line has been permanently repaired and such repairs have been approved and accepted by the Landowner and the Agricultural Inspector. Also, the location of damaged tile

lines will be recorded using Global Positioning System technology as a method of permanently charting tiles for ease in locating in the future.

- C. If water is flowing through any damaged tile line, the tile line will be immediately and temporarily repaired, as necessary, to ensure continuous flow until such time that permanent repairs can be made. If the tile lines are dry and water is not flowing, temporary repairs are not required if the permanent repairs can be made within 14 days of the time damage occurred; however, the exposed tile lines will be screened or otherwise protected to prevent the entry of foreign materials, small mammals, etc. into the tile lines. This shall include the use of filter material to prevent the movement of soil into the drain tile line or the temporary plugging of the drain tile line until permanent repairs can be made.
- D. Where tile lines are severed by the pipeline trench, repairs shall be made using Standard Drawing IL-ENG-150, dated 12/98, by the USDA Natural Resources Conservation Service (Attachment 1) or as agreed upon by the Landowner and Rockies Express.
- E. There will be a minimum of one foot of separation between the tile line and the pipeline whether the pipeline passes over or under the tile line.
- F. The original tile line alignment and gradient shall be maintained. A laser transit shall be used to ensure the proper gradient is maintained.
- G. Before completing permanent drain tile repairs, all drain tile lines shall be probed or examined by suitable means on both sides of the trench for their entire length within the right-of-way to check for drain tile that might have been damaged by construction equipment. If any drain tile line is found to be damaged, it shall be repaired so it will operate as well after construction as before construction began.
- H. All permanent drain tile line repairs shall be made within 14 days following completion of the pipeline installation on any affected Landowner's property unless otherwise authorized by the Landowner, weather and soil conditions permitting. Landowners and/or tenants will be contacted prior to final backfill and restoration and offered opportunity to witness final tile line repair.
- I. Following completion of the pipeline, Rockies Express will be responsible for correcting all tile line repairs that fail due to pipeline construction, provided those repairs were made by Rockies Express. Rockies Express will not be responsible for drain tile line repairs that Rockies Express pays the landowner to perform. The plans for the repairs shall be approved by the Landowner prior beginning work on the repair.

4. Correction of Future Drainage Problems

Rockies Express shall be responsible for installing such additional drainage measures, including additional tiles lines, as are necessary to properly drain wet areas on the permanent and temporary easements caused by the construction and/or existence of the pipeline.

5. Rock Removal

The following rock removal procedures only pertain to rocks found in the uppermost 42 inches of soil.

- A. Before replacing any topsoil, all rocks greater than 3 inches in any dimension will be removed from the surface of all exposed subsoil (i.e. working side and subsoil storage areas), and the top 42 inches or the actual depth of top cover, whichever is less, within the pipeline trench. The pipeline trench, bore pits, or other excavations shall not contain rocks of any greater concentration or size than what existed prior to the pipeline construction.
- B. All rocks greater than 3 inches in any dimension will be removed from the topsoil following final restoration unless undisturbed areas adjacent to the ROW can be shown to contain similar concentration and size.
- C. If trenching, blasting, or boring operations are required through rocky terrain, suitable precautions will be taken to minimize the potential for oversized rocks to become interspersed with adjacent soil material.
- D. Rocks and soil containing rocks removed from the subsoil areas, topsoil, or from any excavations, will be hauled off the landowner's premises or disposed of on the landowner's premises at a location that is mutually acceptable to the Landowner and Rockies Express and in accordance with any applicable laws or regulations.

6. Removal of Construction Debris

All construction-related debris and material that are not an integral part of the pipeline will be removed from the Landowner's property. Such material to be removed would include litter generated by the construction crews which will be removed on a daily basis.

7. Compaction, Rutting, Fertilization, Liming

- A. In all agricultural sections of the right-of-way that were traversed by vehicles and construction equipment, where topsoil is stripped and prior to topsoil replacement, the subsoil shall be fractured by deep ripping to a depth not to exceed 16 inches below the surface of the subsoil with the appropriate industrial ripper. Subsurface features (i.e. drain tiles, other utilities) may warrant less depth. The ripper shall have maximum teeth spacing of 16 inches. The ripping shall be performed parallel to the pipeline and at 90 degrees to the pipeline. Following the ripping operation, all stone and rock material three (3) inches and larger in size which has been lifted to the surface shall be collected and removed from the site for disposal.

Upon approval by the Agricultural Inspector of the subsoil decompaction and the stone removal, the topsoil that has been temporarily removed for the period of construction shall then be replaced. The topsoil profile in the full width of the right-of-way shall be shattered to a depth not to exceed 16 inches with a heavy-duty sub-soiling tool having angled legs. Stone removal shall be completed, as necessary, to eliminate any additional rocks and stones brought to the surface as a result of the final subsoil shattering process.

The existence of stumps, tile lines or underground utilities may necessitate less depth.

- B. The entire right-of-way will then be disked. Three passes will be made across any agricultural land that is ripped.
- C. Ripping and disking will be done at a time when the soil is dry enough for normal tillage operations to occur on undisturbed farmland adjacent to the areas to be ripped.
- D. Rockies Express will restore all compacted or rutted land as near as practicable to its original condition.
- E. The cost of applying fertilizer, manure, and/or lime will be included in the damages paid to the landowner, thereby allowing the landowner to apply the appropriate type and amounts of fertilizer, manure, and/or lime as needed depending on the crops contemplated and the construction schedule.
- F. If there is a dispute between the Landowner and Rockies Express as to what areas need to be ripped, the depth at which compacted areas should be ripped, or the necessity or rates of lime and fertilizer application, the appropriate county Soil and Water Conservation District's opinion will be considered by Rockies Express and the Landowner.

8. Land Leveling

- A. Following the completion of the pipeline, Rockies Express will restore any right-of-way to its original pre-construction elevation and contour should uneven settling occur or surface drainage problems develop as a result of pipeline construction.
- B. Rockies Express will provide the Landowners with a telephone number and address that may be used to alert Rockies Express of the need to perform additional land leveling services.
- C. If, in the future, uneven settling occurs or surface drainage problems develop as a result of the pipeline construction, Rockies Express will provide land leveling services within 45 days of a Landowner's written notice, weather and soil conditions permitting.
- D. If there is any dispute between the Landowner and Rockies Express as to what areas need additional land leveling beyond that which is done at the time of construction, it will be Rockies Express' responsibility to disprove the Landowner's claim that additional land leveling is warranted.

9. Backfill Profile and Trench Crowning

In all agricultural land areas, trench crowning shall occur during the trench backfilling operation using subsoil materials over the trench to allow for trench settling, to be followed by topsoil replacement.

Surface drainage should not be blocked or hindered in any way. If excess spoil is encountered, it will be removed offsite to prevent ridging. Adding additional spoil to the crown over the trench in excess of that required for settlement will not be permitted. In areas where trench settling occurs after topsoil spreading, imported topsoil shall be used to fill each depression. Topsoil from the adjacent agricultural land shall not be used to fill the depressions.

In agricultural areas where the materials excavated during trenching are insufficient in quantity to meet backfill requirements, the soil of any agricultural land adjacent to the trench and construction zone shall not be used as either backfill or surface cover material. Under no circumstances shall any topsoil materials be used for pipe padding material or trench backfill. In situations where imported soil materials are employed for backfill on agricultural lands, such material shall be of similar texture and quality to the existing soils on site. Imported soils should be from similar soil types and free from noxious weeds and other pests to the extent possible.

10. Prevention of Soil Erosion

- A. Rockies Express will follow the guidelines described and approved in its *Upland Construction Plan* (REX Plan) and *Wetland and Waterbody Construction and Mitigation Procedures* (REX Procedures).
- B. Rockies Express will work with Landowners to prevent excessive erosion on right-of-way that has been disturbed by construction. Reasonable methods will be implemented to control erosion. This is not a requirement, however, if the land across which the pipeline is constructed is bare cropland that the Landowner intends to leave bare until the next crop is planted.
- C. If the Landowner and Rockies Express cannot agree upon a reasonable method to control erosion on the landowner's right-of-way, the recommendations of the appropriate county Soil and Water Conservation District and/or FERC will be considered by Rockies Express and the Landowner.
- D. The following conditions will determine whether construction will be allowed to continue due to wet weather conditions. The Agricultural Inspector, in coordination with the Chief Environmental Inspector and the Chief Inspector, will determine when construction should not proceed in a given area due to wet weather conditions.
 1. Wet weather restrictions will only apply to those areas necessary and may not require cessation of work in areas not affected by wet weather.
 2. Work will not be allowed in areas where rutting is mixing subsoil with topsoil, or potentially could result in mixing subsoil with topsoil, given existing soil conditions. The depth of the allowable rutting is dependent upon the depth of topsoil in a location.
 3. In areas where rutting is or potentially could result in topsoil/subsoil mixing, alternatives such as working equipment on board mats and/or timbers will be acceptable. Low ground weight equipment may also be acceptable to perform

tasks otherwise performed by wheeled equipment, such as stringing trucks. Other alternatives to minimize rutting include use of flat bottom sleds pulled by low ground weight equipment, disking the right-of-way to increase evaporation and dewatering the area with portable pumps.

11. Repair of Damaged Soil Conservation Practices

All soil conservation practices (such as spring developments and pipelines, terraces, grassed waterways, critical area seedings, etc.), which are damaged by the pipeline's construction, will be restored to their pre-construction condition. All wetland areas will be restored in accordance with the Rockies Express Procedures.

12. Control of Trench Washouts, Water Piping and Blowouts

Trench breakers shall be installed for the dual purpose of preventing trench washouts during construction and abating water piping and blowouts subsequent to trench backfill. The distance between permanent trench breakers will be as described in Rockies Express's Upland Construction Plan. Rockies Express will record each installed trench breaker location by map-referenced station-number.

13. Damages to Private Property

- A. Rockies Express will reasonably compensate Landowners for any construction-related damages caused by Rockies Express that occur on or off of the established pipeline right-of-way.
- B. Compensation for damages to private property caused by Rockies Express shall extend beyond the initial construction of the pipeline, to include those damages caused by Rockies Express during future construction, operation, maintenance, and repairs relating to the pipeline.

14. Clearing of Trees and Brush from the Easement

- A. If trees are to be removed from the right-of-way, Rockies Express will consult with the Landowner to determine if there are trees of commercial or other value to the Landowner.
- B. If there are trees of commercial or other value to the Landowner, Rockies Express will compensate the Landowner at a fair market value for the trees as well as allow the Landowner the right to retain ownership of the trees with the disposition of the trees to be negotiated prior to the commencement of land clearing.
- C. Rockies Express will identify black cherry trees located on the right-of-way near active livestock use areas during the construction plan development. Black cherry tree vegetation is toxic to livestock when wilted and shall not be stockpiled in areas accessible to livestock. During the clearing phase, such vegetation will be disposed of in a manner that prevents contact with livestock.

- D. Unless otherwise restricted by federal, state or local regulations, Rockies Express will follow the Landowner's desires regarding the removal and disposal of trees, brush, and stumps of no value to the Landowner by burning, burial, etc., or complete removal from any affected property.

15. Interference with Irrigation Systems

- A. If the pipeline and/or temporary work areas intersect an operational (or soon to be operational) spray irrigation system, Rockies Express will establish with the Landowner an acceptable amount of time the irrigation system may be out of service.
- B. If, as a result of pipeline construction activities, an irrigation system interruption results in crop damages, either on the pipeline right-of-way or off the right-of-way, the Landowner will be reasonably compensated for all such crop damages.
- C. If it is feasible and mutually acceptable to Rockies Express and the Landowner, temporary measures will be implemented to allow an irrigation system to continue to operate across land on which the pipeline is also being constructed.

16. Ingress and Egress Routes

Prior to the pipeline's installation, Rockies Express and the Landowner will reach a mutually acceptable agreement on the route that will be utilized for entering and leaving the pipeline right-of-way should access to the right-of-way not be practical or feasible from adjacent segments of the pipeline right-of-way, from public highway or railroad right-of-way or from other suitable public access.

Where access ramps/pads are required from the highway to the pipeline construction area, the topsoil shall be removed and stockpiled for replacement, an underlayment of durable geotextile matting, or equivalent shall be placed over the exposed subsoil surface prior to the placement of temporary rock access fill material. All such material will be removed upon completion of the project. Complete removal of the ramp upon completion of the project and restoration of the impacted site is required prior to topsoil replacement.

17. Temporary Roads

- A. The location of temporary roads to be used for construction purposes will be negotiated with the Landowner.
- B. The temporary roads will be designed to not impede surface drainage and will be built to minimize soil erosion on or near the temporary roads.
- C. Upon abandonment, temporary roads may be left intact through mutual agreement of the Landowner and Rockies Express unless otherwise restricted by federal, state, or local regulations.
- D. If the temporary roads are to be removed, the rights-of-way upon which the temporary roads are constructed will be returned to their previous use(s) and restored to equivalent condition(s) as existed prior to their construction. All

temporary access roads that are removed shall be ripped to a depth not to exceed 18 inches. All ripping will be done consistent with Items 7.A. through 7.C.

18. Weed Control

- A. On any right-of-way over which Rockies Express has jurisdiction as to its surface use, (i.e., valve sites, metering stations, compression stations, etc.), Rockies Express will provide for weed control in a manner that prevents the spread of weeds onto adjacent lands used for agricultural purposes. Spraying will be done by a pesticide applicator that is appropriately licensed for doing such work in the state of Illinois.
- B. Rockies Express will be responsible for reimbursing all reasonable costs incurred by owners of land adjacent to surface facilities when the Landowners must control weeds on their land which can be determined to have spread from land accommodating pipeline surface facilities, should Rockies Express fail to do so after being given written notice and a 45-day opportunity to respond.

19. Pumping of Water from Open Trenches

- A. In the event it becomes necessary to pump water from open trenches, Rockies Express will pump the water in a manner that will avoid damaging adjacent agricultural land, crops, and/or pasture. Such damages include, but are not limited to, the inundation of crops for more than 24 hours, the deposition of excessive sediment in ditches and other water courses, and the deposition of subsoil sediment and gravel in fields and pastures. No back filling shall be done in water filled trench. All freestanding water shall be removed prior to any back filling.
- B. If it is impossible to avoid water-related damages as described in Item 19.A. above, Rockies Express will reasonably compensate the Landowners for the damages or will correct the damages so as to restore the land, crops, pasture, water courses, etc. to their pre-construction condition.
- C. All pumping of water shall comply with existing drainage laws, local ordinances relating to such activities, and provisions of the Clean Water Act.

20. Aboveground Facilities

Locations for aboveground facilities shall be selected in a manner so as to be as unobtrusive as reasonably possible to ongoing agricultural activities occurring on the land adjacent to the facilities. Aboveground facilities on the right-of-way will be located in a manner that attempts to minimize the loss of agricultural land first, and secondly, the impacts to other environmental features. If this is not feasible, such facilities shall be located so as to incur the least hindrance to the adjacent cropping operations (i.e., located in field corners or areas where at least one side is not used for cropping purposes).

21. Advance Notice of Access to Private Property

- A. Rockies Express will provide the Landowner or tenant with a minimum of 24 hours prior notice before accessing his/her property for the purpose of constructing the pipeline.
- B. Prior notice shall first consist of a personal contact or a telephone contact, whereby the Landowner or tenant is informed of Rockies Express' intent to access the land. If the Landowner or tenant cannot be reached in person or by telephone, Rockies Express will mail or hand deliver to the Landowner or tenant's home a dated, written notice of Rockies Express's intent. The Landowner or tenant need not acknowledge receipt of the written notice before Rockies Express can enter the Landowner's property.

22. Reporting of Inferior Agricultural Impact Mitigation Work

No later than 45 days prior to the commencement of the pipeline construction across a Landowner's property, Rockies Express will provide the Landowner with a toll-free number the Landowner can call to alert Rockies Express should the Landowners observe inferior agricultural impact mitigation work which is being done or has been carried out on his/her property.

23. Indemnification

Rockies Express will indemnify all owners of agricultural land upon which such pipeline is installed, their heirs, successors, legal representatives, and assigns from and against all claims, injuries, suits, damages, costs, losses, and reasonable expenses resulting from or arising out of the laying, maintenance, removal, repair, use or existence of such pipeline, whether heretofore or hereafter laid, including damage to such pipeline or any of its appurtenances and the leaking of its contents, except where claims, injuries, suits, damages, costs, losses, and expenses are caused by the negligence or intentional acts, or willful omissions of such owners, their heirs, successors, legal representatives, and assigns.

24. General Monitoring and Remediation

Rockies Express will provide a monitoring and remediation period of no less than three years immediately following the full-length activation of the pipeline or the completion of initial right-of-way restoration, whichever occurs last. The Company shall be responsible for the cost of the monitoring and remediation. The three-year period allows for the effects of climatic cycles such as frost action, precipitation and growing seasons to occur, from which various monitoring determinations can be made. The Company shall maintain an Agricultural Inspector on at least a part-time basis through this period. The monitoring and remediation phase shall be used to identify any remaining impacts associated with the pipeline construction that are in need of correction and to implement the follow-up restoration.

General right-of-way conditions to be monitored include topsoil thickness, relative content of rock and large stones, trench settling, crop production, drainage, erosion and repair of severed fences, etc. The problems or concerns shall be identified through on-

site monitoring of all areas along the right-of-way and through contact with each respective Landowner/Operator and local county Soil and Water Conservation Districts.

Topsoil deficiency and trench settling shall be restored with imported topsoil that is consistent with the quality of topsoil on the affected site. Excessive amounts of rock and oversized stone material shall be determined by a visual inspection of the right-of-way. Results shall be compared to portions of the same field located outside of the right-of-way. Included in the determination of relative rock and large stone content is the right-of-way's condition subsequent to tillage and the relative concentration of such materials within the right-of-way as compared to off the right-of-way. All excess rocks and large stones shall be removed and disposed of by the Company.

On site monitoring on agricultural lands shall be conducted at least three times during the growing season and shall include a comparison of growth and yield for crops on and off the right-of-way. When the subsequent crop productivity within the affected right-of-way is less than that of the adjacent unaffected agricultural land, the Agricultural Inspector, in conjunction with the Company as well as other appropriate organizations, shall help to determine the appropriate rehabilitation measures for the Company to implement. During the various stages of the project, all affected farm operators shall be periodically apprised of the duration of remediation by their respective Agricultural Inspector. Because conditions that require remediation may not be noticeable at or shortly after the completion of construction, the signing of a release form prior to the end of the remediation period shall not relieve the Company's responsibility to fully redress all project impacts. After completion of the specific remediation period, the Company shall continue to respond to the reasonable requests of the Landowner/Operators to correct project related affects on the agricultural resources.

On lands subject to erosion, the Company shall patrol the pipeline right-of-way with reasonable frequency to detect erosion of the top cover. Whenever the loss of cover due to erosion creates a safety issue or whenever the amount of topcover is less than 36 inches (as defined in Section 1.C of this agreement), the Company shall take corrective action.

Concurrence of the Parties to this Agreement

The Illinois Department of Agriculture and the Rockies Express Pipeline concur that this Agreement is the complete agreement governing the mitigation of agricultural impacts that may result from the construction of the pipeline, within the state of Illinois, as proposed in the Company's application to FERC for a Certificate of Public Convenience and Necessity, Docket No. CP07-208.

The effective date of this Agreement is March 3, 2008.

ILLINOIS DEPARTMENT OF AGRICULTURE

By T. E. W. Cobby
Charles A. Hanks
(signature)

CHARLES A. HANKS
Charles A. Hanks, Director
State Fairgrounds
P.O. Box 19281
Springfield, IL 62794-9281

Date: 3/11/08 2008

Rockies Express Pipeline LLC

Alice Weekley
(signature)

Alice Weekley, VP
Authorized Agent's Name, Title
Rockies Express Pipeline LLC
500 Dallas Street, Suite 1000
Houston, Texas 77002

Date: 3-3 2008

ROCKIES EXPRESS PIPELINE – EAST PROJECT

AGRICULTURAL IMPACT MITIGATION AGREEMENT pertaining to the construction of a 42-inch NATURAL GAS PIPELINE AND RELATED APPURTENANCES in VERMILLION, PARKE, PUTNAM, HENDRICKS, MORGAN, JOHNSON, SHELBY, DECATUR AND FRANKLIN Counties in Indiana

The following pipeline Agricultural Impact Mitigation Agreement (Agreement) construction standards and policies are recommended to help preserve the integrity of any agricultural land that is impacted by pipeline construction. They were developed with the cooperation of agricultural agencies, organizations, landowners, tenants, drainage contractors, and pipeline companies.

The below prescribed construction standards and policies are applicable to construction activities occurring partially or wholly on privately owned agricultural land. With the exception of Item No. 3, they are not intended to apply to construction activities occurring entirely on public right-of-way, railroad right-of-way, publicly owned land, or privately owned land that is not agricultural land. The Company shall, however, adhere to the construction specifications relating to the repair of outlets for drain tile and/or surface drainage when they are encountered on lands owned or leased by others.

The standard and construction specifications are for mineral soils only and, therefore, do not pertain to organic muckland soils.

INTRODUCTION

Unless an easement specifically provides to the contrary, the actions specified in the pipeline standard and construction specifications attached to this Agreement will be implemented in accordance with the conditions listed below:

- A. The Company shall provide a copy of this Agreement to the Landowner and the Landowner can forward to their Tenant prior to obtaining an easement from said Landowner. Additionally, Rockies Express will provide a copy of this Agreement to each of the Soil and Water Conservation Districts and Farm Bureau offices through which the pipeline traverses.
- B. All actions are subject to change by Landowners, provided such changes are negotiated in advance of construction and acceptable to the Company, FERC and any permitting agency. To satisfy FERC requirements, any modification to an action must provide an equal or greater level of environmental protection than the original action and may need the approval of FERC before it can be implemented.
- C. The Company may negotiate with Landowners to carry out the actions that Landowners wish to perform themselves, but shall not compensate the landowner for any measures carried out themselves until final inspection has been approved by the Company and at a minimum any measure carried out by a landowner has followed guidelines set forth in the Rockies Express Plan.

- D. All mitigative actions employed by Rockies Express, unless otherwise specified in these construction standards and policies or in an easement negotiated with a landowner, will be implemented within 45 days of completion of the pipeline facilities on any affected property, weather and landowner permitting. Temporary repairs will be made by Rockies Express during the construction process as needed to minimize the risk of additional property damage that may result from an extended construction time period. If weather delays the completion of any mitigative action beyond the 45 day period, Rockies Express will provide the affected landowner(s) with a written estimate of the time needed for completion of the mitigative action.
- E. Unless otherwise agreed to by Landowners all actions pursuant to this Agreement shall extend to associated future construction, maintenance and repairs by the Company.
- F. After construction, Rockies Express will provide the Landowners with drawings showing the location by survey station of tile lines encountered in the construction of the pipeline. The drawings will include a depth measurement from existing ground and will be provided on a county-by-county basis to the SWCDs.
- G. The Company shall implement the actions contained in this Agreement to the extent that they do not conflict with the requirements of any applicable federal, state and local rules and regulations and other permits and approvals that are obtained by the Company for the project. The provisions and requirements of this Agreement shall be deemed to be included in all easements associated with agricultural lands unless the easement specifically provides to the contrary.
- H. Each action contained in this Agreement shall be implemented to the extent that such action is not determined to be unenforceable by reason of the actions approved by, or other requirements, of the FERC Certificate issued for the project. The Company agrees to include this Agreement as part of its submissions to FERC and hereby expressly agrees to the inclusion of the terms contained in this Agreement in the Environmental Impact Statement to be issued in conjunction with the anticipated Certificate of Public Convenience and Necessity.
- I. Prior to the construction of the pipeline, the Company shall provide each Landowner and Tenant with a telephone number and address which can be used to contact the Company, both during and following the completion of construction, regarding the work that was performed on their property or any other construction-related matter. The Company shall respond promptly to Landowner and Tenant telephone calls and correspondence.
- J. Certain provisions of this Agreement require the Company to consult or agree with the Landowner and Tenant(s) of a property. The Company shall engage in a good faith effort to secure the agreement of both Landowner and Tenant in such cases. In the event of a disagreement between Landowner and Tenant, the Company's obligation under this Agreement shall be satisfied by securing the Landowner's agreement. Legal documents executed between the Landowner and Tenant will be part of the acquisition.
- K. If any provision of this Agreement is held to be unenforceable, no other provision shall be affected by that holding, and the remainder of the Agreement shall be interpreted as if it did not contain the unenforceable provision.

- L. A local forester shall be hired by the Company to appraise the merchantable value of any timber to be cut for construction of the pipeline. The Landowner shall be compensated 100 percent of the value.

The Rockies Express Pipeline (Company) shall retain qualified Agricultural Inspectors on each work phase of the project. This shall include the initial construction plan development, the construction, the initial restoration, and the post-construction monitoring and follow-up restoration. The Agricultural Inspector shall act to assure that the provisions set forth in this document or in any separate agreement, will be adhered to in good faith by the Company and by the pipeline installation contractor, and that all agreements protect the resources of both the landowner and the Company.

The Agricultural Inspector shall assist with the collection and analyzing of site-specific agricultural information gathered for the construction plan development by the Company. This information shall be obtained through field review as well as direct contact with affected landowners and farm operators, local County Soil and Water Conservation Districts, Agricultural Extension Agents, and others. The Agricultural Inspector shall maintain contact with the appropriate on-site Project Inspectors throughout the construction phase. The Agricultural Inspector also shall maintain contact with the affected landowners and farm operators in conjunction with Company right-of-way agents, as well as local county Soil and Water Conservation District personnel concerning farm resources and management matters pertinent to the agricultural operations and the site-specific implementation of the construction plan. The Company shall provide a courtesy copy of information to the appropriate local County Soil and Water Conservation Districts at any time a request for a construction plan modification is submitted.

The Company will employ Agricultural Inspectors that are at a minimum thoroughly familiar with the following:

- Rockies Express Plan and Procedure
- Pipeline Construction Sequences and Process
- Trained in all aspects of soil and water conservation
- Familiar with farm operation
- Good oral and written communication skills
- Ability to work closely with the landowners and project sponsor

The Company will employ a minimum of one Agricultural Inspector per construction (installation) spread.

The Company shall encourage its pipeline contractor(s) to use, where and if available, local drain tile contractors to redesign, reconstruct, and/or repair any drain tile lines that are affected by the pipeline installation. Often the local contractors may have installed the Landowner's drain tile system and can have valuable knowledge as to the location, depth of cover, appurtenances, and any other factors affecting the tile operation. The drain tile contractor(s) shall follow the Indiana Utilities Regulatory Commission (IURC) construction specifications for the repair of drain tile.

The Company shall provide the Landowner a copy of that portion of the final plans that affect his property and any plans or maps that contain the information described below concerning agricultural areas and or uses.

Definitions

Agricultural Land

Land which is presently under cultivation; land which has been previously cultivated and not subsequently developed for non-agricultural use; and cleared land which is capable of being cultivated. It includes land used for cropland, hay land, improved pastureland, truck gardens, farmsteads, commercial agricultural related facilities, feedlots, livestock confinement systems, land on which farm buildings within 100 feet of the pipeline are located, and land in government set-aside programs.

Best Management Practice (BMP)

Any structural, vegetative or managerial practice used to treat, prevent or reduce soil erosion. Such practices may include temporary seeding of exposed soils, construction of retention basins for storm water control and scheduling the implementation of all BMP's to maximize their effectiveness.

Company

Rockies Express Pipeline LLC, hereafter referred to as "Rockies Express", utility company, and any contractor or sub-contractor in the employ of Rockies Express for the purpose of completing the pipeline or any mitigative actions contained herein it's successors, and assigns, on its own behalf and as operator of the Company.

Cropland

Land used for growing row crops, small grains, or hay; includes land which was formerly used as cropland, but is currently in a government set-aside program and pastureland that was formerly utilized as cropland or is comprised of prime farmland.

Drain Tile

Any artificial subsurface drainage system including: clay and concrete tile, vitrified sewer tile, corrugated plastic tubing, and stone drains.

Landowner

Person(s) holding legal title to property on the pipeline route from whom Rockies Express is seeking, or has obtained, a temporary or permanent easement, or any person(s) legally authorized by a landowner to make decisions regarding the mitigation or restoration of agricultural impacts to such landowner's property.

Non-Agricultural Land

Any land that is not "Agricultural Land" as defined above.

Pipeline

The pipeline and its related appurtenances described in the Company's application to the Federal Energy Regulatory Commission for a Certificate of Public Convenience and Necessity.

Prime farmland

Agricultural land comprised of soils that are defined by the USDA Natural Resources Conservation Service as being "prime" soils (generally considered the most productive soils with the least input of nutrients and management).

Right-of-way

Includes the permanent and temporary easements that Rockies Express acquires for the purpose of constructing and operating the pipeline.

Surface Drains

Any surface drainage system such as shallow surface field drains, grassed waterways, open ditches, or any other conveyance of surface water.

Tenant

Any person lawfully residing on or in possession of the land.

Topsoil

The upper most part of the soil commonly referred to as the plow layer, the A layer, or the A horizon, or its equivalent in uncultivated soils. It is the surface layer of the soil that has the darkest color or the highest content of organic matter (as identified in the USDA County Soil Survey and verified w/ right-of-way samples).

Construction Standards and Policies

1. Pipeline depth

- A. Except for aboveground piping facilities, such as mainline block valves, tap valves, meter stations, etc., the pipeline will be buried with:
 - 1. a minimum of 5 feet of top cover where it crosses cropland.
 - 2. a minimum of 5 feet of top cover where it crosses pasture land or other agricultural land comprised of soils that are classified by the USDA as being prime soils.
 - 3. a minimum of 5 feet of top cover where it crosses pasture land and other agricultural land not comprised of prime soils.
 - 4. substantially the same top cover as an existing parallel pipeline, but not less than 5 feet, where the route parallels an existing pipeline within a 100 foot perpendicular offset.
 - 5. A minimum of 60 inches of cover shall be maintained over the top of the pipeline where it crosses surface drains, diversions, grassed waterways, open ditches, and streams.
- B. Notwithstanding the foregoing, in those areas where (i) rock in its natural formation are encountered, the minimum depth of cover will be 24 inches and (ii). in areas where gravel exceeding 200 feet in length are encountered the minimum depth of cover will be 30 inches.
- C. On agricultural land subject to erosion, Rockies Express will patrol the pipeline right-of-way with reasonable frequency to detect areas of erosion of the top cover. In no instance will Rockies Express knowingly allow the depth of top cover to be less than 3 feet, except as stated in 1.B. above.

2. Soil Removal and Replacement

- A. The topsoil shall be determined by a properly qualified agricultural inspector, soil scientist or soil technician who will set stakes or flags every 200 feet along the right-of-way identifying the depth of topsoil to be removed. As an alternative to staking or flagging, the Company may depict topsoil depths on alignment sheets based on published county-level soil survey information, if approved by the landowner.
- B. At a minimum, the actual depth of the topsoil, not to exceed 16 inches, will first be stripped from the area to be excavated above the pipeline and the subsoil storage area. The topsoil will be stored in a windrow parallel to the pipeline trench in such a manner that it will not become intermixed with subsoil materials. Rockies Express may conduct full right-of-way topsoiling. Topsoil may be stored at either edge of the right-of-way, or in some cases spread over the working side of the right-of-way, but not intermixed with subsoil materials.
- C. During the clearing/grading phase, the Agricultural Inspector shall monitor site-

specific depths of topsoil stripping. Where right-of-way construction requires cut-and-fill of the soil profile across grades, to the extent practicable, topsoil stockpiling will be located on the up slope edge of the right-of-way. Where topsoil cannot be separately stored on the up slope side, suitable right-of-way space will be provided on the down slope side to ensure the complete segregation of the topsoil from all cut-and-fill material.

- D. All subsoil material that is removed from the trench will be placed in a second windrow parallel to the pipeline trench that is separate from the topsoil windrow.
- E. In backfilling the trench, the stockpiled subsoil material will be placed back into the trench before replacing the topsoil.
- F. Refer to Items Nos. 5.A and 5.B for procedures pertaining to rock removal from the subsoil and topsoil.
- G. Refer to Items Nos. 7.A through 7.C for procedures pertaining to the alleviation of compaction of the topsoil.
- H. The topsoil must be replaced so that after settling occurs, the topsoil's original depth and contour will be restored. The same shall apply where excavations are made for road, stream, drainage ditch, or other crossings. In no instance will the topsoil materials be used for any other purpose.
- I. Surface drainage should not be blocked or hindered in any way. If excess spoil is encountered, it will be removed offsite to prevent ridging. Adding additional spoil to the crown over the trench in excess of that required for settlement will not be permitted.

3. Repair of Damaged Drain Tile Lines

All drain tile repair and/or replacement shall be completed prior to topsoil replacement.

If underground drain tile is damaged by the pipeline installation, it shall be repaired in a manner that assures the drain tile proper operating condition at the point of repair. If underground drain tile lines in the pipeline construction area are adversely affected by the pipeline construction, the Company will take such actions as are necessary to insure the proper functioning of the drain tile lines, including the relocation, reconfiguration, and replacement of the existing drain tile lines. The following standards and policies shall apply to the drain tile line repair:

- A. The Company shall make a conscientious effort to locate all drain tile lines within the right-of-way prior to the pipeline installation. The Company will contact the local county Soil and Water Conservation Districts and affected Landowners and/or Tenants for their knowledge of drain tile line locations prior to the pipeline installation. All identified drain tile lines will be marked with a highly visible lathe to alert construction crews to the need for drain tile line repairs.
- B. During construction drain tile lines that are damaged, cut, or removed shall be distinctly marked by placing a highly visible lathe in the trench spoil bank directly

opposite each drain tile line. This marker shall not be removed until the drain tile line has been permanently repaired and such repairs have been approved and accepted by the Landowner and the Agricultural Inspector.

- C. All drain tile lines shall be repaired with materials of the same or better quality as that which was damaged. The repair plans shall be approved by the Agricultural Inspector.
- D. Where drain tile lines are severed by the pipeline trench steel channel iron, steel angle iron, full-round slotted steel pipe, half-round steel pipe, or schedule 80 pvc pipe with 1/8 inch diameter holes shall be used to support the drain tile lines across the trench.
 - 1. If the drain tile repairs involve clay or concrete tile, the support member shall extend to the first tile joint beyond the minimum 3-foot distance. If the drain tile repairs involve plastic pipe it shall be supported at a 90-degree angle from the bottom of the drain tile. This may involve using angle iron to provide proper support.
 - 2. There shall be a minimum of 12 inches of clearance between the drain tile line and the pipeline whether the pipeline passes over or under the tile line.
 - 3. If landowners have future plans for the installation of drain tile lines, these plans shall be made available to Rockies Express in writing to ensure adequate clearance between the tile line and the pipeline.
 - 4. In no instance shall the grade of the drain tile line be decreased.
- E. Before completing permanent drain tile repairs, all drain tile lines shall be examined by suitable means on both sides of the trench for their entire length within the right-of-way to check for drain tile that might have been damaged by construction equipment. If any drain tile line is found to be damaged, it shall be repaired so it will operate as well after construction as before construction began.
- F. Temporary repairs of drain tile lines shall be made as soon as exposed. This shall include the use of filter material to prevent the movement of soil into the drain tile line or the temporary plugging of the drain tile line until permanent repairs can be made.
- G. All permanent drain tile line repairs shall be made within 14 days following completion of the pipeline installation on any affected Landowner's property unless otherwise authorized by the Landowner, weather and soil conditions permitting. Landowners and/or tenants will be contacted prior to final backfill and restoration and offered opportunity to witness final tile line repair.
- H. Following completion of the pipeline, Rockies Express will be responsible for correcting all tile line repairs that fail due to pipeline construction, provided those repairs were made by Rockies Express. Rockies Express will not be responsible for drain tile line repairs that Rockies Express pays the landowner to perform. The plans for the repairs shall be approved by the Landowner prior beginning work on the repair.

4. Correction of Future Drainage Problems

Rockies Express shall be responsible for installing such additional drainage measures as are necessary to properly drain wet areas on the permanent and temporary easements caused by the construction and/or existence of the pipeline.

5. Rock Removal

The following rock removal procedures only pertain to rocks found in the uppermost 42 inches of soil.

- A. Before replacing any topsoil, all rocks greater than 3 inches in any dimension will be removed from the surface of all exposed subsoil (i.e. working side and subsoil storage areas); and the top 42 inches or the actual depth of top cover, whichever is less, within the pipeline trench, bore pits, or other excavations shall not contain rocks of any greater concentration or size than existed prior to the pipeline construction.
- B. All rocks greater than 3 inches in any dimension will be removed from the topsoil surface using a rock rake following final restoration unless undisturbed areas adjacent to the ROW can be shown to contain similar concentration and size.
- C. If trenching, blasting, or boring operations are required through rocky terrain, suitable precautions will be taken to minimize the potential for oversized rocks to become interspersed with adjacent soil material.
- D. Rocks and soil containing rocks removed from the subsoil areas, topsoil, or from any excavations, will be returned to the pre-existing contours, hauled off the landowner's premises or disposed of on the landowner's premises at a location that is mutually acceptable to the landowner and Rockies Express and in accordance with any applicable laws or regulations

6. Removal of Construction Debris

All construction-related debris and material that are not an integral part of the pipeline will be removed from the landowner's property. Such material to be removed would include litter generated by the construction crews which will be removed on a daily basis.

7. Compaction, Rutting, Fertilization, Liming

- A. In all agricultural sections of the right-of-way that were traversed by vehicles and construction equipment, where topsoil is stripped and prior to topsoil replacement, the subsoil shall be fractured by deep ripping to a depth not to exceed 16 inches below the surface of the subsoil with the appropriate industrial ripper. Subsurface features (i.e. drain tiles, other utilities) may warrant less depth. The ripper shall have maximum teeth spacing of 16 inches. The ripping shall be performed parallel to the pipeline and at 90 degrees to the pipeline. Following the ripping operation all stone and rock material three (3) inches and larger in size which has been lifted to the surface shall be collected and removed from the site for disposal.

Upon approval by the Agricultural Inspector of the subsoil decompaction and the stone removal, the topsoil that has been temporarily removed for the period of construction shall then be replaced. The soil profile in the full width of the right-of-way shall be shattered to a depth not to exceed 16 inches with a heavy-duty sub-soiling tool having angled legs. Stone removal shall be completed, as necessary, to eliminate any additional rocks and stones brought to the surface as a result of the final subsoil shattering process.

The existence of stumps, tile lines or underground utilities may necessitate less depth.

- B. The entire right-of-way will then be disked. Three passes will be made across any agricultural land that is ripped.
- C. Ripping and disking will be done at a time when the soil is dry enough for normal tillage operations to occur on undisturbed farmland adjacent to the areas to be ripped.
- D. Rockies Express will restore all compacted or rutted land as near as practicable to its original condition.
- E. The cost of applying fertilizer, manure, and/or lime will be included in the damages paid to the landowner, thereby allowing the landowner to apply the appropriate type and amounts of fertilizer, manure, and/or lime as needed depending on the crops contemplated and the construction schedule.
- F. If there is a dispute between the landowner and Rockies Express as to what areas need to be ripped, the depth at which compacted areas should be ripped, or the necessity or rates of lime and fertilizer application, the appropriate county Soil and Water Conservation District's opinion will be considered by Rockies Express and the landowner.

8. Land Leveling

- A. Following the completion of the pipeline, Rockies Express will restore any right-of-way to its original pre-construction elevation and contour should uneven settling occur or surface drainage problems develop as a result of pipeline construction.
- B. Rockies Express will provide the landowners with a telephone number and address that may be used to alert Rockies Express of the need to perform additional land leveling services.
- C. If uneven settling occurs or surface drainage problems develop as a result of the pipeline construction, Rockies Express will provide land leveling services within 45 days of a landowner's written notice, weather and soil conditions permitting.
- D. If there is any dispute between the landowner and Rockies Express as to what areas need additional land leveling beyond that which is done at the time of construction, it will be Rockies Express's responsibility to disprove the landowner's claim that additional land leveling is warranted.

9. Backfill Profile and Trench Crowning

In all agricultural land areas, ripped or blasted bedrock or concentrated volumes of excavated stone or rock material may be used for trench backfill material, but no closer than 24 inches from the exposed working construction surface of the right-of-way. All rock not utilized as trench backfill material shall be removed from the right-of-way. The remaining backfill material shall consist of suitable subsoil material. Trench crowning shall occur during the trench backfilling operation using subsoil materials over the trench to allow for trench settling.

In areas where trench settling occurs after topsoil spreading, imported topsoil shall be used to fill each depression. Topsoil from the adjacent agricultural land shall not be used to fill the depressions.

In agricultural areas where the materials excavated during trenching are insufficient in quantity to meet backfill requirements, the soil of any agricultural land adjacent to the trench and construction zone shall not be used as either backfill or surface cover material. Under no circumstances shall any topsoil materials be used for pipe padding material or trench backfill. In situations where imported soil materials are employed for backfill on agricultural lands, such material shall be of similar texture and quality to the existing soils on site. Imported soils should be from similar soil types and free from noxious weeds and other pests to the extent possible.

10. Prevention of Soil Erosion

- A. Rockies Express will follow the guidelines described and approved in its Upland Construction Plan (REX Plan) and Wetland and Waterbody Construction and Mitigation Procedures (REX Procedures).

Rockies Express will work with landowners to prevent excessive erosion on right-of-way that has been disturbed by construction. Reasonable methods will be implemented to control erosion. This is not a requirement, however, if the land where the pipeline is constructed is cropland, is not considered Highly Erodible Lands (HEL) by USDA standards, and that the landowner intends to leave bare until the next crop is planted.

- B. The use of a landowner acceptable cover crop (i.e. annual rye grass) to minimize soil erosion shall be implemented unless the landowner/tenant express otherwise in writing.
- C. If the landowner and Rockies Express cannot agree upon a reasonable method to control erosion on the landowner's right-of-way, the recommendations of the appropriate county Soil and Water Conservation District and/or FERC will be considered by Rockies Express and the landowner.
- D. Areas cleared of woody vegetation will be planted in accordance with any site specific restoration requirements, including Rockies Express's Plans or Procedures, FERC Certificate conditions, Indiana Classified Forests, Migratory Bird Treaty Act Conservation Agreement, Section 404/401 permit requirements, and/or IDEM

Floodway permit requirements

11. Pipeline Construction in Wet Conditions

In agricultural areas where ditch plus spoil side topsoil stripping is performed and the topsoil on the working side of the right-of-way is left in place, the following conditions will determine whether construction will be allowed to continue due to wet weather conditions.

- A. The Agricultural Inspector will have stop work authority to avoid noncompliance situations during construction. Unless immediately required due to safety or blatant, existing noncompliance reasons, the Agricultural Inspector will coordinate with the spread's Chief Inspector prior to implementing this authority. It is expected that by following this procedure an alternative construction procedure can be identified prior to implementing a stop work order.
- B. Wet weather restrictions will only apply to those areas necessary and may not require cessation of work in areas not affected by wet weather.
- C. Work will not be allowed in areas where rutting has occurred and potentially could result in the mixing of subsoil with topsoil given existing soil conditions. The depth of the allowable rutting is dependent upon the depth of topsoil in a location.
- D. In areas where rutting is, or potentially could result in topsoil/subsoil mixing alternatives such as working equipment on board mats and/or timbers will be acceptable. Low ground weight equipment may also be acceptable to perform tasks otherwise performed by wheeled equipment, such as stringing trucks. Other alternatives to minimize rutting include use of flat bottom sleds pulled by low ground weight equipment, disking the right-of-way to increase evaporation, and dewatering the area with portable pumps.

12. Crossing of Streams, Wetlands and Flood Plains

Rockies Express will follow its Procedures and requirements for USACOE NWP #12 and Section 401 IDEM and Floodway Permits from IDNR.

13. Repair of Damaged Soil Conservation Practices

All soil conservation practices (such as spring developments and pipelines, terraces, grassed waterways, critical area seedings, etc.), which are damaged by the pipeline's construction, will be restored to their pre-construction condition. All wetland areas will be restored in accordance with the Rockies Express Procedures.

14. Control of Trench Washouts, Water Piping and Blowouts

Trench breakers shall be installed for the dual purpose of preventing trench washouts during construction and abating water piping and blowouts subsequent to trench backfill. The distance between permanent trench breakers will be as described in Rockies Express's Upland Construction Plan. Rockies Express will record each installed trench breaker location, by map-referenced station-number.

15. Damages to Private Property

- A. Rockies Express will reasonably compensate landowners for any construction-related damages caused by Rockies Express that occur on or off of the established pipeline right-of-way.
- B. Compensation for damages to private property caused by Rockies Express shall extend beyond the initial construction of the pipeline, to include those damages caused by Rockies Express during future construction, operation, maintenance, and repairs relating to the pipeline.

16. Clearing of Trees and Brush from the Easement

- A. If trees are to be removed from the right-of-way, Rockies Express will consult with the landowner to determine if there are trees of commercial or other value to the landowner.
- B. If there are trees of commercial or other value to the landowner, Rockies Express will compensate the landowner at a fair market value for the trees as well as allow the landowner the right to retain ownership of the trees with the disposition of the trees to be negotiated prior to the commencement of land clearing. C. Rockies Express will identify black cherry trees located on the right-of-way near active livestock use areas during the construction plan development. Black cherry tree vegetation is toxic to livestock when wilted and shall not be stockpiled in areas accessible to livestock. During the clearing phase, such vegetation will be disposed of in a manner that prevents contact with livestock.
- C. Unless otherwise restricted by federal, state or local regulations, Rockies Express will follow the landowner's desires regarding the removal and disposal of trees, brush, and stumps of no value to the landowner by burning, burial, etc., or complete removal from any affected property.

17. Interference with Irrigation Systems

- A. If the pipeline and/or temporary work areas intersect an operational (or soon to be operational) spray irrigation system, Rockies Express will establish with the landowner an acceptable amount of time the irrigation system may be out of service.
- B. If, as a result of pipeline construction activities, an irrigation system interruption results in crop damages, either on the pipeline right-of-way or off the right-of-way, the landowner will be reasonably compensated for all such crop damages.
- C. If it is feasible and mutually acceptable to Rockies Express and the landowner, temporary measures will be implemented to allow an irrigation system to continue to operate across land on which the pipeline is also being constructed.

18. Ingress and Egress Routes

Prior to the pipeline's installation, Rockies Express and the landowner will reach a

mutually acceptable agreement on the route that will be utilized for entering and leaving the pipeline right-of-way should access to the right-of-way not be practical or feasible from adjacent segments of the pipeline right-of-way; from public highway or railroad right-of-way or from other suitable public access.

Where access ramps/pads are required from the highway to the pipeline construction area, the topsoil shall be removed and stock piled for replacement, an underlayment of durable geotextile matting, or equivalent shall be placed over the exposed subsoil surface prior to the placement of temporary rock access fill material. All such material will be removed upon completion of the project. Complete removal of the ramp upon completion of the project and restoration of the impacted site is required prior to topsoil replacement.

If landowners are grazing animals on the property, Rockies Express will negotiate with the landowner to determine the means to avoid disturbance or injury to the livestock as a result of construction. These means may include providing a grazing deferment to the landowners to temporarily remove the animals from the property or fencing the ROW so as to prevent animals wandering on to the construction area.

19. Temporary Roads

- A. The location of temporary roads to be used for construction purposes will be negotiated with the landowner.
- B. The temporary roads will be designed to not impede surface drainage and will be built to minimize soil erosion on or near the temporary roads.
- C. Upon abandonment, temporary roads may be left intact through mutual agreement of the landowner and Rockies Express unless otherwise restricted by federal, state, or local regulations. If the temporary roads are to be removed, the right-of-way upon which the temporary roads are constructed will be returned to its previous use and restored to equivalent condition as existed prior to their construction.
- D. If the temporary roads are to be removed, the rights-of-way upon which the temporary roads are constructed will be returned to their previous use(s) and restored to equivalent condition(s) as existed prior to their construction. All temporary access roads that are removed shall be ripped to a depth not to exceed 16 inches. All ripping will be done consistent with Items 7.A. through 7.C.

20. Weed Control

- A. On any right-of-way over which Rockies Express has jurisdiction as to its surface use, (i.e., valve sites, metering stations, compression stations, etc.), Rockies Express will provide for weed control in a manner that prevents the spread of weeds onto adjacent lands used for agricultural purposes. Spraying will be done by a pesticide applicator that is appropriately licensed for doing such work in the state of Indiana.
- B. Rockies Express will be responsible for reimbursing all reasonable costs incurred by owners of land adjacent to surface facilities when the landowners must control weeds on their land which can be determined to have spread from land

accommodating pipeline surface facilities, should Rockies Express fail to do so after being given written notice and a 45-day opportunity to respond.

21. Pumping of Water from Open Trenches

- A. No back filling shall be done in water filled trench. All freestanding water shall be removed prior to any back filling.
- B. In the event it becomes necessary to pump water from open trenches, Rockies Express will pump the water in a manner that will avoid damaging adjacent agricultural land, crops, and/or pasture. Such damages include, but are not limited to, the inundation of crops for more than 24 hours, the deposition of excessive sediment in ditches and other water courses, and the deposition of subsoil sediment and gravel in fields and pastures.
- C. If it is impossible to avoid water-related damages as described in Item 19.A. above, Rockies Express will reasonably compensate the landowners for the damages or will correct the damages so as to restore the land, crops, pasture, water courses, etc. to their pre-construction condition.
- D. All pumping of water shall comply with existing drainage laws, local ordinances relating to such activities, and provisions of the Clean Water Act

22. Aboveground Facilities

Locations for aboveground facilities shall be selected in a manner so as to be as unobtrusive as reasonably possible to ongoing agricultural activities occurring on the land adjacent to the facilities. Aboveground facilities on the right-of-way will be located in a manner that attempts to minimize the loss of agricultural land first, and secondly, the impacts to other environmental features. If this is not feasible, such facilities shall be located so as to incur the least hindrance to the adjacent cropping operations (i.e., located in field corners or areas where at least one side is not used for cropping purposes).

23. Advance Notice of Access to Private Property

- A. Rockies Express will provide the landowner or tenant with a minimum of 24 hours prior notice before accessing his/her property for the purpose of constructing the pipeline, but will attempt to provide at least 48 hours notice..
- B. Prior notice shall first consist of a personal contact or a telephone contact, whereby the landowner or tenant is informed of Rockies Express's intent to access the land. If the landowner or tenant cannot be reached in person or by telephone, Rockies Express will mail or hand deliver to the landowner or tenant's home a dated, written notice of Rockies Express's intent. The landowner or tenant need not acknowledge receipt of the written notice before Rockies Express can enter the landowner's property

24. Reporting of Inferior Agricultural Impact Mitigation Work

No later than 45 days prior to the commencement of the pipeline construction across a landowner's property, Rockies Express will provide the landowner with a toll-free number the landowner can call to alert Rockies Express should the landowners observe inferior agricultural impact mitigation work which is being done or has been carried out on his/her property.

For each pipeline construction project subject to these guidelines, the pipeline company shall designate a point of contact for landowner inquiries or claims and provide the IURC with the name of such designee, as well as a toll-free telephone number and an address through which that person can be reached. The pipeline company shall provide the same information to all affected landowners at least 45 days prior to commencement of construction. Any change in the point of contact shall be promptly communicated in writing to the IURC and landowners. A designated point of contact shall remain available for all landowners for at least one year following completion of construction and for landowners with unresolved damage claims until such time as those claims are settled.

25. Indemnification

Rockies Express will indemnify all owners of agricultural land upon which such pipeline is installed. This indemnification is made part of each easement agreement.

26. General Monitoring and Remediation

Rockies Express will provide a monitoring and remediation period of no less than three years immediately following the full-length activation of the pipeline or the completion of initial right-of-way restoration, whichever occurs last. The Company shall be responsible for the cost of the monitoring and remediation. The three-year period allows for the effects of climatic cycles such as frost action, precipitation and growing seasons to occur, from which various monitoring determinations can be made. The Company shall maintain an Agricultural Inspector on at least a part-time basis through this period. The monitoring and remediation phase shall be used to identify any remaining impacts associated with the pipeline construction that are in need of correction and to implement the follow-up restoration.

General right-of-way conditions to be monitored include topsoil thickness, relative content of rock and large stones, trench settling, crop production, drainage and repair of severed fences, etc. The problems or concerns shall be identified through on-site monitoring of all areas along the right-of-way and through contact with respective landowner/operator and local county Soil and Water Conservation District.

Topsoil deficiency and trench settling shall be restored with imported topsoil that is consistent with the quality of topsoil on the affected site. Excessive amounts of rock and oversized stone material shall be determined by a visual inspection of the right-of-way. Results shall be compared to portions of the same field located outside of the right-of-way. Included in the determination of relative rock and large stone content is the right-of-way's condition subsequent to tillage and the relative concentration of such materials within the right-of-way as compared to off the right-of-way. All excess rocks and large stones shall be removed and disposed of by the Company.

On site monitoring on agricultural lands shall be conducted at least three times during the growing season and shall include a comparison of growth and yield for crops on and off the right-of-way. When the subsequent crop productivity within the affected right-of-way is less than that of the adjacent unaffected agricultural land, the Agricultural Inspector, in conjunction with the Company as well as other appropriate organizations, shall help to determine the appropriate rehabilitation measures for the Company to implement. During the various stages of the project, all affected farm operators shall be periodically apprised of the duration of remediation by their respective Agricultural Inspector. Because conditions that require remediation may not be noticeable at or shortly after the completion of construction, the signing of a release form prior to the end of the remediation period shall not relieve the Company's responsibility to fully redress all project impacts. After completion of the specific remediation period, the Company shall continue to respond to the reasonable requests of the landowner/operators to correct project related affects on the agricultural resources.

On lands subject to erosion, the Company shall patrol the pipeline right-of-way with reasonable frequency to detect erosion of the top cover. Whenever the loss of cover due to erosion creates a safety issue the Company shall take corrective action.

27. Contact Information

Spread 3

Rockies Express Environmental Coordinator

Rockies Express Agricultural Inspector

Rockies Express Right-of-Way Agent

Spread 3A

Rockies Express Environmental Coordinator

Rockies Express Agricultural Inspector

Rockies Express Right-of-Way Agent

Spread 4

Rockies Express Environmental Coordinator

Rockies Express Agricultural Inspector

Rockies Express Right-of-Way Agent

Concurrence of the Parties to this Agreement

The Indiana Utilities Regulatory Commission and the Rockies Express Pipeline concur that this Agreement is the complete agreement governing the mitigation of agricultural impacts that may result from the construction of the pipeline, within the state of Illinois, as proposed in the Company's application to FERC for a Certificate of Public Convenience and Necessity, Docket No. CP07-208.

The effective date of this Agreement is May 16, 2008.

Indiana Utilities Regulatory Commission

Name: Joseph M. Suppleland

Address: 101 N. Washington St.

Signature: Suite 1500 E

Indianapolis, IN 46204

Joseph M. Suppleland

Rockies Express Pipeline LLC

Name: Alice Weekley

Address: 500 Dallas Street

Signature: Houston TX 77002

Alice Weekley

ROCKIES EXPRESS PIPELINE - EAST PROJECT
AGRICULTURAL IMPACT MITIGATION AGREEMENT
pertaining to the construction of a
42-inch NATURAL GAS PIPELINE AND RELATED APPURTENANCES
In
BUTLER, WARREN, CLINTON, GREENE, FAYETTE,
PICKWAY, FAIRFIELD, PERRY, MORGAN, MUSKINGUM,
GUERNSEY, NOBLE, BELMONT, AND MONROE
COUNTIES in OHIO

The following pipeline Agricultural Impact Mitigation Agreement (AIMA) construction standards and policies are recommended to help preserve the integrity of any agricultural land that is impacted by pipeline construction. They were developed with the cooperation of agricultural agencies, organizations, landowners, tenants, drainage contractors, and pipeline companies.

The below prescribed construction standards and policies are applicable to construction activities occurring partially or wholly on privately owned agricultural land. With the exception of Item No. 3, they are not intended to apply to construction activities occurring entirely on public right-of-way, railroad right-of-way, publicly owned land, or privately owned land that is not agricultural land. The Rockies Express Pipeline Company (Company) shall, however, adhere to the construction specifications relating to the repair of outlets for drain tile and/or surface drainage when they are encountered on lands owned or leased by others.

The standard and construction specifications are for mineral soils only and, therefore, do not pertain to organic muckland soils.

INTRODUCTION

The standards contained within this document are a minimum set of standards or guidelines, and landowners who have additional agricultural resource needs will need to identify these as part of contract negotiations with Rockies Express Pipeline Company.

The Company shall provide the Landowner a copy of that portion of the final plans that affect his property and any plans or maps that contain the information described below concerning agricultural areas and or uses.

Unless an easement specifically provides to the contrary, the actions specified in the pipeline standard and construction specifications attached to this AIMA will be implemented in accordance with the conditions listed below:

- A. The Company shall provide a copy of this AIMA to the Landowner and the Landowner can forward to their Tenant prior to obtaining an easement from said Landowner. Additionally, Rockies Express will provide a copy of this AIMA to each of the Soil and Water Conservation Districts and Farm Bureau offices through which the pipeline traverses.

- B. All actions are subject to change by Landowners, provided such changes are negotiated in advance of construction and acceptable to the Company, FERC and any permitting agency. To satisfy FERC requirements, any modification to an action must provide an equal or greater level of environmental protection than the original action and may need the approval of FERC before it can be implemented.
- C. The Company may negotiate with Landowners to carry out the actions that Landowners wish to perform themselves, but shall not compensate the landowner for any measures carried out themselves until final inspection has been approved by the Company and at a minimum any measure carried out by a land owner has followed guidelines set forth in the AIMA.
- D. Unless otherwise agreed to by Landowners all actions pursuant to this AIMA shall extend to associated future construction, maintenance and repairs by the Company.
- E. After construction, Rockies Express will provide the Landowners and the SWCD with drawings showing the location by survey station of tile lines encountered in the construction of the pipeline. The drawings will include a depth measurement from existing ground and will be provided on a county-by-county basis to the SWCDs.
- F. The Company shall implement the actions contained in this AIMA to the extent that they do not conflict with the requirements of any applicable federal, state and local rules and regulations and other permits and approvals that are obtained by the Company for the project. The provisions and requirements of this AIMA shall be deemed to be included in all easements associated with agricultural lands unless the easement specifically provides to the contrary.
- G. Each action contained in this AIMA shall be implemented to the extent that such action is not determined to be unenforceable by reason of the actions approved by, or other requirements, of the FERC Certificate issued for the project. The Company agrees to include this AIMA as part of its submissions to FERC and hereby expressly agrees to the inclusion of the terms contained in this AIMA in the Environmental Impact Statement to be issued in conjunction with the anticipated Certificate of Public Convenience and Necessity.
- H. Prior to the construction of the pipeline, the Company shall provide each Landowner and Tenant with a telephone number and address which can be used to contact the Company, both during and following the completion of construction, regarding the work that was performed on their property or any other construction-related matter. The Company shall respond promptly to Landowner and Tenant telephone calls and correspondence.
- I. Certain provisions of this AIMA require the Company to consult or agree with the Landowner and Tenant(s) of a property. The Company shall engage in a good faith effort to secure the agreement of both Landowner and Tenant in such cases. In the event of a disagreement between Landowner and Tenant, the Company's obligation under this AIMA shall be satisfied by securing the Landowner's agreement. Legal documents executed between the Landowner and Tenant will be part of the acquisition

- J. If any provision of this AIMA is held to be unenforceable, no other provision shall be affected by that holding, and the remainder of the AIMA shall be interpreted as if it did not contain the unenforceable provision.
- K. All mitigative actions employed by Rockies Express, unless otherwise specified in these construction standards and policies or in an easement negotiated with a landowner, will be implemented within 45 days of completion of the pipeline facilities on any affected property, weather and landowner permitting. Temporary repairs will be made by Rockies Express during the construction process as needed to minimize the risk of additional property damage that may result from an extended construction time period. If weather delays the completion of any mitigative action beyond the 45 day period, Rockies Express will provide the affected landowner(s) with a written estimate of the time needed for completion of the mitigative action.
- L. A local forester shall be hired by the Company to appraise the merchantable value of any timber to be cut for construction of the pipeline. The Landowner shall be compensated 100 percent of the value.

The Company shall retain qualified Agricultural Inspectors on each work phase of the project. This shall include the initial construction plan development, the construction, the initial restoration, and the post-construction monitoring and follow-up restoration. The Agricultural Inspector shall act to assure that the provisions set forth in this document or in any separate AIMA, will be adhered to in good faith by the Company and by the pipeline installation contractor, and that all AIMAs protect the resources of both the landowner and the Company.

The Agricultural Inspector shall assist with the collection and analyzing of site-specific agricultural information gathered for the construction AIMA development by the Company. This information shall be obtained through field review as well as direct contact with affected landowners and farm operators, local County Soil and Water Conservation District, Agricultural Extension Agents, and others. The Agricultural Inspector shall maintain contact with the appropriate on-site Project Inspectors throughout the construction phase. The Agricultural Inspector also shall maintain contact with the affected landowners and farm operators in conjunction with Company rights-of-way agents, as well local county Soil and Water Conservation District personnel concerning farm resources and management matters pertinent to the agricultural operations and the site-specific implementation of the construction AIMA. The Company shall provide a courtesy copy of information to the appropriate local County Soil and Water Conservation Districts at any time a request for a construction AIMA modification is submitted.

The Company will employ Agricultural Inspectors that are at a minimum thoroughly familiar with the following:

- Rockies Express Plan and Procedure
- Pipeline Construction Sequences and Process
- Trained in all aspects of soil and water conservation
- Familiar with farm operation
- Good oral and written communication skills
- Ability to work closely with the landowners and project sponsor

The Company will employ a minimum of seven Agricultural Inspectors in Ohio.

The Agricultural Inspector will have stop work authority to avoid noncompliance situations during construction. Unless immediately required due to safety or blatant, existing noncompliance reasons, the Agricultural Inspector will coordinate with the spread's Chief Inspector prior to implementing this authority. It is expected that by following this procedure an alternative construction procedure can be identified prior to implementing a stop work order.

The Company shall encourage its pipeline contractor(s) to use, where and if available, local drain tile contractors to redesign, reconstruct, and/or repair any drain tile lines that are affected by the pipeline installation. Often the local contractors may have installed the Landowner's drain tile system and can have valuable knowledge as to the location, depth of cover, appurtenances, and any other factors affecting the tile operation. The drain tile contractor(s) shall follow the attached construction specifications.

Definitions

Agricultural Land

Land which is presently under cultivation; land which has been previously cultivated and not subsequently developed for non-agricultural use; and cleared land which is capable of being cultivated. It includes land used for cropland, hay land, improved pastureland, truck gardens, farmsteads, commercial agricultural related facilities, feedlots, livestock confinement systems, land on which farm buildings within 100 feet of the pipeline are located, and land in government set-aside programs or the Conservation Reserve Program.

Best Management Practice (BMP)

Any structural, vegetative or managerial practice used to treat, prevent or reduce soil erosion. Such practices may include temporary seeding of exposed soils, construction of retention basins for storm water control and scheduling the implementation of all BMP's to maximize their effectiveness.

Company

Rockies Express Pipeline LLC, hereafter referred to as "Rockies Express", utility company, and any contractor or sub-contractor in the employ of Rockies Express for the purpose of completing the pipeline or any mitigative actions contained herein its successors, and assigns, on its own behalf and as operator of the Company

Cropland

Land used for growing row crops, small grains, or hay; includes land which was formerly used as cropland, but is currently in a government set-aside

program and pastureland that was formerly utilized as cropland or is comprised of prime farmland.

Drain Tile

Any artificial subsurface drainage system including: clay and concrete tile, vitrified sewer tile, corrugated plastic tubing, and stone drains.

Landowner

Person(s) holding legal title to property on the pipeline route from whom Rockies Express is seeking, or has obtained, a temporary or permanent easement, or any person(s) legally authorized by a landowner to make decisions regarding the mitigation or restoration of agricultural impacts to such landowner's property.

Non-Agricultural Land

Any land that is not "Agricultural Land" as defined above.

Pipeline

The pipeline and its related appurtenances described in the Company's application to the Federal Energy Regulatory Commission for a Certificate of Public Convenience and Necessity.

Prime farmland

Agricultural land comprised of soils that are defined by the USDA Natural Resources Conservation Service as being "prime" soils (generally considered the most productive soils with the least input of nutrients and management).

Right-of-way

Includes the permanent and temporary easements that Rockies Express acquires for the purpose of constructing and operating the pipeline.

Surface Drains

Any surface drainage system such as shallow surface field drains, grassed waterways, open ditches, or any other conveyance of surface water.

Tenant

Any person lawfully residing on or in possession of the land.

Topsoil

The upper most part of the soil commonly referred to as the plow layer, the A layer, or the A horizon, or its equivalent in uncultivated soils. It is the surface layer of the soil that has the darkest color or the highest content of organic matter (as Identified in the USDA County Soil Survey and verified w/ right-of-way samples).

Construction Standards and Policies

1. Pipeline depth

- A. Except for aboveground piping facilities, such as mainline block valves, tap valves, meter stations, etc., the pipeline will be buried with:
 - 1. a minimum of 5 feet of top cover where it crosses cropland.
 - 2. a minimum of 5 feet of top cover where it crosses pasture land or other agricultural land comprised of soils that are classified by the USDA as being prime soils.
 - 3. a minimum of 5 feet of top cover where it crosses pasture land and other agricultural land not comprised of prime soils.
 - 4. a minimum of 3 feet of top cover where it crosses wooded land or brushy land that is not suitable as cropland.
 - 5. substantially the same top cover as an existing parallel pipeline, but not less than 5 feet, where the route parallels an existing pipeline within a 100 foot perpendicular offset.
 - 6. A minimum of 60 inches of cover shall be maintained over the top of the pipeline where it crosses surface drains, diversions, grassed waterways, open ditches, and streams.
- B. Notwithstanding the foregoing, in those areas where (i) rock in its natural formation are encountered, the minimum depth of cover will be 24 inches.
- C. On agricultural land subject to erosion, Rockies Express will patrol the pipeline right-of-way with reasonable frequency to detect areas of erosion of the top cover. In no instance will Rockies Express knowingly allow the depth of top cover to be less than 3 feet, except as stated in 1.B. above

2. Soil Removal and Replacement

- A. The topsoil shall be determined by a properly qualified agricultural inspector, soil scientist or soil technician who will set stakes or flags every 200 feet along the right-of-way identifying the depth of topsoil to be removed. As an alternative to staking or flagging, the Company may depict topsoil depths on alignment sheets based on published county-level soil survey information, if approved by the landowner.
- B. The Company will conduct topsoil stripping to the actual depth of the topsoil, not to exceed 16 inches, along the construction right-of-way and other areas where construction activities warrant (i.e. staging areas, ATWS). The Company will offer each landowner the option to conduct full right-of-way topsoil stripping or ditch plus spoil side topsoil stripping. Adopting full right-of-way topsoil stripping will avoid issues such as topsoil mixing from deep rutting and topsoil compaction. Rockies Express will encourage landowners to consider the benefits of full right-of-way

topsoiling. However, at a minimum, the area to be excavated above the pipeline and the subsoil storage area will be stripped of topsoil prior to trenching. The topsoil will be stored in a windrow parallel to the pipeline trench in such a manner that it will not become intermixed with subsoil materials. Topsoil may be stored at either edge of the right-of-way, or in some cases spread over the working side of the right-of-way, but not intermixed with subsoil materials.

- C During the clearing/grading phase, the Agricultural Inspector shall monitor site-specific depths of topsoil stripping. Where right-of-way construction requires cut-and-fill of the soil profile across grades, to the extent practicable, topsoil stockpiling will be located on the up slope edge of the right-of-way. Where topsoil cannot be separately stored on the up slope side, suitable right-of-way space will be provided on the down slope side to ensure the complete segregation of the topsoil from all cut-and-fill material.
- D All subsoil material that is removed from the trench will be placed in a second windrow parallel to the pipeline trench that is separate from the topsoil windrow.
- E In backfilling the trench, the stockpiled subsoil material will be placed back into the trench before replacing the topsoil.
- F Refer to Items Nos. 5.A and 5.B for procedures pertaining to rock removal from the subsoil and topsoil.
- G Refer to Items Nos. 7.A through 7.C for procedures pertaining to the alleviation of compaction of the topsoil.
- H The topsoil must be replaced so that after settling occurs, the topsoil's original depth and contour will be restored. The same shall apply where excavations are made for road, stream, drainage ditch, or other crossings. In no instance will the topsoil materials be used for any other purpose.
- I Surface drainage should not be blocked or hindered in any way. If excess spoil is encountered, it will be removed offsite to prevent ponding. Adding additional spoil to the crown over the trench in excess of that required for settlement will not be permitted.

3. Repair of Damaged Drain Tile Lines

All drain tile repair and/or replacement shall be completed prior to topsoil replacement.

If underground drain tile is damaged by the pipeline installation, it shall be repaired in a manner that assures the drain tile proper operating condition at the point of repair. If underground drain tile lines in the pipeline construction area are adversely affected by the pipeline construction, the Company will take such actions as are necessary to insure the proper functioning of the drain tile lines, including the relocation, reconfiguration, and replacement of the existing drain tile lines. The following standards and policies shall apply to the drain tile line repair:

- A. The Company shall make a conscientious effort to locate all drain tile lines within the right-of-way prior to the pipeline installation. The Company will contact the local county Soil and Water Conservation Districts and affected Landowners and/or Tenants for their knowledge of drain tile line locations prior to the pipeline installation. All identified drain tile lines will be marked with a highly visible lathe to alert construction crews to the need for drain tile line repairs.
- B. All drain tile lines shall be repaired with materials of the same or better quality as that which was damaged. The repair plans shall be approved by the Agricultural Inspector. In Ohio, all repairs shall be done according to ODNR detail numbers 5 through 10.
- C. During construction drain tile lines that are damaged, cut, or removed shall be distinctly marked by placing a highly visible lathe in the trench spoil bank directly opposite each drain tile line. This marker shall not be removed until the drain tile line has been permanently repaired and such repairs have been approved and accepted by the Landowner and the Agricultural Inspector.
- D. Where drain tile lines are severed by the pipeline trench steel channel iron, steel angle iron, full-round slotted steel pipe, half-round steel pipe, or schedule 80 pvc pipe with 1/8 inch diameter holes shall be used to support the drain tile lines across the trench.
 - 1. If the drain tile repairs involve clay or concrete tile, the support member shall extend to the first tile joint beyond the minimum 3-foot distance. If the drain tile repairs involve plastic pipe it shall be supported at a 90-degree angle from the bottom of the drain tile. This may involve using angle iron to provide proper support.
 - 2. There shall be a minimum of 12 inches of clearance between the drain tile line and the pipeline whether the pipeline passes over or under the tile line.
 - 3. In no instance shall the grade of the drain tile line be decreased.
- E. Before completing permanent drain tile repairs, all drain tile lines shall be examined by suitable means on both sides of the trench for their entire length within the right-of-way to check for drain tile that might have been damaged by construction equipment. If any drain tile line is found to be damaged, it shall be repaired so it will operate as well after construction as before construction began.
- F. Temporary repairs of drain tile lines shall be made as soon as exposed. This shall include the use of filter material to prevent the movement of soil into the drain tile line or the temporary plugging of the drain tile line until permanent repairs can be made.
- G. All permanent drain tile line repairs shall be made within 14 days following completion of the pipeline installation on any affected Landowner's property unless otherwise authorized by the Landowner, weather and soil conditions permitting. Landowners and/or tenants will be contacted prior to final backfill and restoration and offered opportunity to witness final tile line repair.

- H. Following completion of the pipeline, Rockies Express will be responsible for correcting all tile line repairs that fail due to pipeline construction, provided those repairs were made by Rockies Express. Rockies Express will not be responsible for drain tile line repairs that Rockies Express pays the landowner to perform. The plans for the repairs shall be presented to the local SWCD representatives and approved by the Landowner prior beginning work on the repair.

4. Correction of Future Drainage Problems

Rockies Express shall be responsible for installing such additional drainage measures as are necessary to properly drain wet areas on the permanent and temporary easements caused by the construction and/or existence of the pipeline.

5. Rock Removal

The following rock removal procedures only pertain to rocks found in the uppermost 42 inches of soil.

- A. Before replacing any topsoil, all rocks greater than 3 inches in any dimension will be removed from the surface of all exposed subsoil (i.e. working side and subsoil storage areas); and the top 42 inches or the actual depth of top cover, whichever is less, within the pipeline trench, bore pits, or other excavations shall not contain rocks of any greater concentration or size than existed prior to the pipeline construction.
- B. All rocks greater than 3 inches in any dimension will be removed from the topsoil surface using a rock rake following final restoration unless undisturbed areas adjacent to the ROW can be shown to contain similar concentration and size.
- C. If trenching, blasting, or boring operations are required through rocky terrain, suitable precautions will be taken to minimize the potential for oversized rocks to become interspersed with adjacent soil material.
- D. Rocks and soil containing rocks removed from the subsoil areas, topsoil, or from any excavations, will be returned to the pre-existing contours, hauled off the landowner's premises or disposed of on the landowner's premises at a location that is mutually acceptable to the landowner and Rockies Express and in accordance with any applicable laws or regulations.

6. Removal of Construction Debris

All construction-related debris and material that are not an integral part of the pipeline will be removed from the landowner's property. Such material to be removed would include litter generated by the construction crews which will be removed on a daily basis.

7. Compaction, Rutting, Fertilization, Liming

- A. In all agricultural sections of the right-of-way that were traversed by vehicles and construction equipment, where topsoil is stripped and prior to topsoil replacement, the subsoil shall be fractured by deep ripping to a depth of 16 inches below the

surface of the subsoil with the appropriate industrial ripper. Subsurface features (i.e. drain tiles, other utilities) may warrant less depth. The ripper shall have maximum teeth spacing of 16 inches. The ripping shall be performed parallel to the pipeline and at 90 degrees to the pipeline. Following the ripping operation all stone and rock material three (3) inches and larger in size which has been lifted to the surface shall be collected and removed from the site for disposal.

Upon approval by the Agricultural Inspector of the subsoil decompaction and the stone removal, the topsoil that has been temporarily removed for the period of construction shall then be replaced. The soil profile in the full width of the right-of-way shall be shattered to a depth not to exceed 16 inches with a heavy-duty subsoiling tool having angled legs. Stone removal shall be completed, as necessary, to eliminate any additional rocks and stones brought to the surface as a result of the final subsoil shattering process.

The existence of stumps, tile lines or underground utilities may necessitate less depth.

- B. The entire right-of-way will then be disked. Three passes will be made across any agricultural land that is ripped.
- C. Ripping and disking will be done at a time when the soil is dry enough for normal tillage operations to occur on undisturbed farmland adjacent to the areas to be ripped.
- D. Rockies Express will restore all compacted or rutted land as near as practicable to its original condition.
- E. The cost of applying fertilizer, manure, and/or lime will be included in the damages paid to the landowner, thereby allowing the landowner to apply the appropriate type and amounts of fertilizer, manure, and/or lime as needed depending on the crops contemplated and the construction schedule.
- F. In Ohio, subsoil decompaction and topsoil replacement activities may have to be performed as weather permits due to the generally unsuitable weather for continuing agricultural land restoration in late autumn and winter. If there is a dispute between the landowner and Rockies Express as to what areas need to be ripped, the depth at which compacted areas should be ripped, or the necessity or rates of lime and fertilizer application, the appropriate county Soil and Water Conservation District's opinion will be considered by Rockies Express and the landowner.

8. Land Leveling

- A. Following the completion of the pipeline, Rockies Express will restore any right-of-way to its original pre-construction elevation and contour should uneven settling occur or surface drainage problems develop as a result of pipeline construction.
- B. Rockies Express will provide the landowners with a telephone number and address that may be used to alert Rockies Express of the need to perform additional land leveling services.

- C. If uneven settling occurs or surface drainage problems develop as a result of the pipeline construction, Rockies Express will provide land leveling services within 45 days of a landowner's written notice, weather and soil conditions permitting.
- D. If there is any dispute between the landowner and Rockies Express as to what areas need additional land leveling beyond that which is done at the time of construction, it will be Rockies Express's responsibility to disprove the landowner's claim that additional land leveling is warranted.

9. Backfill Profile and Trench Crowning

In all agricultural land areas, ripped or blasted bedrock or concentrated volumes of excavated stone or rock material may be used for trench backfill material, but no closer than 24 inches from the exposed working construction surface of the right-of-way. All rock not utilized as trench backfill material shall be removed from the right-of-way. The remaining backfill material shall consist of suitable subsoil material. Trench crowning shall occur during the trench backfilling operation using subsoil materials over the trench to allow for trench settling. In Ohio, this will be performed in accordance with ODNR detail number 13.

In areas where trench settling occurs after topsoil spreading, imported topsoil shall be used to fill each depression. Topsoil from the adjacent agricultural land shall not be used to fill the depressions.

In agricultural areas where the materials excavated during trenching are insufficient in quantity to meet backfill requirements, the soil of any agricultural land adjacent to the trench and construction zone shall not be used as either backfill or surface cover material. Under no circumstances shall any topsoil materials be used for pipe padding material or trench backfill. In situations where imported soil materials are employed for backfill on agricultural lands, such material shall be of similar texture and quality to the existing soils on site. Imported soils should be from similar soil types and free from noxious weeds and other pests to the extent possible.

10. Prevention of Soil Erosion and Wet Weather Construction

- A. Rockies Express will follow the guidelines described and approved in its Upland Construction Plan (REX Plan) and Wetland and Waterbody Construction and Mitigation Procedures (REX Procedures).
- B. Rockies Express will work with landowners to prevent excessive erosion on right-of-way that has been disturbed by construction. Reasonable methods will be implemented to control erosion. This is not a requirement, however, if the land where the pipeline is constructed is cropland, is not considered Highly Erodible Lands (HEL) by USDA standards, and that the landowner intends to leave bare until the next crop is planted.
- C. If the landowner and Rockies Express cannot agree upon a reasonable method to control erosion on the landowner's right-of-way, the recommendations of the

appropriate county Soil and Water Conservation District and/or FERC will be considered by Rockies Express and the landowner.

- D. The following conditions will determine whether construction will be allowed to continue due to wet weather conditions. The Agricultural Inspector in coordination with the Chief Environmental Inspector and the Chief Inspector will determine when construction should not proceed in a given area due to wet weather conditions.
- a. Wet weather restrictions will only apply to those areas necessary and may not require cessation of work in areas not affected by wet weather.
 - b. Work will not be allowed in areas where rutting is mixing subsoil with topsoil, or potentially could result in mixing subsoil with topsoil, given existing soil conditions. The depth of the allowable rutting is dependent upon the depth of topsoil in a location.
 - c. In areas where rutting is, or potentially could result in topsoil/subsoil mixing alternatives such as working equipment on board mats and/or timbers will be acceptable. Low ground weight equipment may also be acceptable to perform tasks otherwise performed by wheeled equipment, such as stringing trucks. Other alternatives to minimize rutting include, use of flat bottom sleds pulled by low ground weight equipment, disking the Right-of-Way to increase evaporation and dewatering the area with portable pumps.

11. Repair of Damaged Soil Conservation Practices

All soil conservation practices (such as spring developments and pipelines, terraces, grassed waterways, critical area seedings, etc.), which are damaged by the pipeline's construction, will be restored to their pre-construction condition. All wetland areas will be restored in accordance with the Rockies Express Procedures

12. Control of Trench Washouts, Water Piping and Blowouts

Trench breakers shall be installed for the dual purpose of preventing trench washouts during construction and abating water piping and blowouts subsequent to trench backfill. The distance between permanent trench breakers will be as described in Rockies Express's Upland Construction Plan and in Ohio meet the requirements as set forth in ODNR detail no.'s 11, 12, & 12A. Rockies Express will record each installed trench breaker location, by map-referenced station-number

13. Damages to Private Property

- A. Rockies Express will reasonably compensate landowners for any construction-related damages caused by Rockies Express that occur on or off of the established pipeline right-of-way.
- B. Compensation for damages to private property caused by Rockies Express shall extend beyond the initial construction of the pipeline, to include those damages caused by Rockies Express during future construction, operation, maintenance, and

repairs relating to the pipeline.

14. Clearing of Trees and Brush from the Easement

- A. If trees are to be removed from the right-of-way, Rockies Express will consult with the landowner to determine if there are trees of commercial or other value to the landowner.
- B. If there are trees of commercial or other value to the landowner, Rockies Express will compensate the landowner at a fair market value for the trees as well as allow the landowner the right to retain ownership of the trees with the disposition of the trees to be negotiated prior to the commencement of land clearing.
- C. Rockies Express will identify black cherry trees located on the right-of-way near active livestock use areas during the construction plan development. Black cherry tree vegetation is toxic to livestock when wilted and shall not be stockpiled in areas accessible to livestock. During the clearing phase, such vegetation will be disposed of in a manner that prevents contact with livestock.
- D. Unless otherwise restricted by federal, state or local regulations, Rockies Express will follow the landowner's desires regarding the removal and disposal of trees, brush, and stumps of no value to the landowner by burning, burial, etc., or complete removal from any affected property.

15. Interference with Irrigation Systems

- A. If the pipeline and/or temporary work areas intersect an operational (or soon to be operational) spray irrigation system, Rockies Express will establish with the landowner an acceptable amount of time the irrigation system may be out of service.
- B. If, as a result of pipeline construction activities, an irrigation system interruption results in crop damages, either on the pipeline right-of-way or off the right-of-way, the landowner will be reasonably compensated for all such crop damages.
- C. If it is feasible and mutually acceptable to Rockies Express and the landowner, temporary measures will be implemented to allow an irrigation system to continue to operate across land on which the pipeline is also being constructed.

16. Ingress and Egress Routes

Prior to the pipeline's installation, Rockies Express and the landowner will reach a mutually acceptable AIMA on the route that will be utilized for entering and leaving the pipeline right-of-way should access to the right-of-way not be practical or feasible from adjacent segments of the pipeline right-of-way; from public highway or railroad right-of-way or from other suitable public access.

Where access ramps/pads are required from the highway to the pipeline construction area, the topsoil shall be removed and stock piled for replacement, an underlayment of durable geotextile matting, or equivalent shall be placed over the exposed subsoil surface prior to the placement of temporary rock access fill material. All such material

will be removed upon completion of the project. Complete removal of the ramp upon completion of the project and restoration of the impacted site is required prior to topsoil replacement

17. Temporary Roads

- A. The location of temporary roads to be used for construction purposes will be negotiated with the landowner.
- B. The temporary roads will be designed to not impede surface drainage and will be built to minimize soil erosion on or near the temporary roads.
- C. Upon abandonment, temporary roads may be left intact through mutual agreement of the landowner and Rockies Express unless otherwise restricted by federal, state, or local regulations. If the temporary roads are to be removed, the right-of-way upon which the temporary roads are constructed will be returned to its previous use and restored to equivalent condition as existed prior to their construction.
- D. If the temporary roads are to be removed, the rights-of-way upon which the temporary roads are constructed will be returned to their previous use(s) and restored to equivalent condition(s) as existed prior to their construction. All temporary access roads that are removed shall be ripped to a depth of 16 inches. All ripping will be done consistent with Items 7.A. through 7.C.

18. Weed Control

- A. On any right-of-way over which Rockies Express has jurisdiction as to its surface use, (i.e., valve sites, metering stations, compression stations, etc.), Rockies Express will provide for weed control in a manner that prevents the spread of weeds onto adjacent lands used for agricultural purposes. Spraying will be done by a pesticide applicator that is appropriately licensed for doing such work in the state of Ohio.
- B. Rockies Express will be responsible for reimbursing all reasonable costs incurred by owners of land adjacent to surface facilities when the landowners must control weeds on their land which can be determined to have spread from land accommodating pipeline surface facilities, should Rockies Express fail to do so after being given written notice and a 45-day opportunity to respond.

19. Pumping of Water from Open Trenches

- A. No back filling shall be done in water filled trench. All freestanding water shall be removed prior to any back filling.
- B. In the event it becomes necessary to pump water from open trenches, Rockies Express will pump the water in a manner that will avoid damaging adjacent agricultural land, crops, and/or pasture. Such damages include, but are not limited to, the inundation of crops for more than 24 hours, the deposition of excessive sediment in ditches and other water courses, and the deposition of subsoil sediment and gravel in fields and pastures.

- C. If it is impossible to avoid water-related damages as described in Item 19.B. above, *Rockies Express will reasonably compensate the landowners for the damages or will correct the damages so as to restore the land, crops, pasture, water courses, etc. to their pre-construction condition.*
- D. All pumping of water shall comply with existing drainage laws, local ordinances relating to such activities, and provisions of the Clean Water Act.

20. Aboveground Facilities

Locations for aboveground facilities shall be selected in a manner so as to be as unobtrusive as reasonably possible to ongoing agricultural activities occurring on the land adjacent to the facilities. Aboveground facilities on the right-of-way will be located in a manner that attempts to minimize the loss of agricultural land first, and secondly, the impacts to other environmental features. If this is not feasible, such facilities shall be located so as to incur the least hindrance to the adjacent cropping operations (i.e., located in field corners or areas where at least one side is not used for cropping purposes).

21. Advance Notice of Access to Private Property

- A. Rockies Express will provide the landowner or tenant with a minimum of 24 hours prior notice before accessing his/her property for the purpose of constructing the pipeline.
- B. Prior notice shall first consist of a personal contact or a telephone contact, whereby the landowner or tenant is informed of Rockies Express's intent to access the land. If the landowner or tenant cannot be reached in person or by telephone, Rockies Express will mail or hand deliver to the landowner or tenant's home a dated, written notice of Rockies Express's intent. The landowner or tenant need not acknowledge receipt of the written notice before Rockies Express can enter the landowner's property.

22. Reporting of Inferior Agricultural Impact Mitigation Work

No later than 45 days prior to the commencement of the pipeline construction across a landowner's property, Rockies Express will provide the landowner with a toll-free number the landowner can call to alert Rockies Express should the landowners observe inferior agricultural impact mitigation work which is being done or has been carried out on his/her property.

23. Indemnification

Rockies Express will indemnify all owners of agricultural land upon which such pipeline is installed. This indemnification is made part of each easement agreement.

24. General Monitoring and Remediation

Rockies Express will provide a monitoring and remediation period of no less than three years immediately following the full-length activation of the pipeline or the completion of initial right-of-way restoration, whichever occurs last. The Company shall be responsible for the cost of the monitoring and remediation. The three-year period allows for the effects of climatic cycles such as frost action, precipitation and growing seasons to occur, from which various monitoring determinations can be made. The Company shall maintain an Agricultural Inspector on at least a part-time basis through this period. The monitoring and remediation phase shall be used to identify any remaining impacts associated with the pipeline construction that are in need of correction and to implement the follow-up restoration.

General right-of-way conditions to be monitored include topsoil thickness, relative content of rock and large stones, trench settling, crop production, drainage and repair of severed fences, etc. The problems or concerns shall be identified through on-site monitoring of all areas along the right-of-way and through contact with respective landowner/operator and local county Soil and Water Conservation District.

Topsoil deficiency and trench settling shall be restored with imported topsoil that is consistent with the quality of topsoil on the affected site. Excessive amounts of rock and oversized stone material shall be determined by a visual inspection of the right-of-way. Results shall be compared to portions of the same field located outside of the right-of-way. Included in the determination of relative rock and large stone content is the right-of-way's condition subsequent to tillage and the relative concentration of such materials within the right-of-way as compared to off the right-of-way. All excess rocks and large stones shall be removed and disposed of by the Company.

On site monitoring on agricultural lands shall be conducted at least three times during the growing season and shall include a comparison of growth and yield for crops on and off the right-of-way. When the subsequent crop productivity within the affected right-of-way is less than that of the adjacent unaffected agricultural land, the Agricultural Inspector, in conjunction with the Company as well as other appropriate organizations, shall help to determine the appropriate rehabilitation measures for the Company to implement. During the various stages of the project, all affected farm operators shall be periodically apprised of the duration of remediation by their respective Agricultural Inspector. Because conditions that require remediation may not be noticeable at or shortly after the completion of construction, the signing of a release form prior to the end of the remediation period shall not relieve the Company's responsibility to fully redress all project impacts. After completion of the specific remediation period, the Company shall continue to respond to the reasonable requests of the landowner/operators to correct project related affects on the agricultural resources.

On lands subject to erosion, the Company shall patrol the pipeline right-of-way with reasonable frequency to detect erosion of the top cover. Whenever the loss of cover due to erosion creates a safety issue the Company shall take corrective action.

Signature: Alice Weckley

Date: 1-29-08

Rockies Express Pipeline LLC (Printed Name/Title)

Signature: _____

Date: _____

Ohio Department of Natural Resources,
Division of Soil and Water Conservation (Printed Name/Title)

Rockies Express Pipeline – East Project
Agricultural Impact Mitigation Agreement
January 2008

Signature: Alice Weckley

Date: 1-28-08

Rockies Express Pipeline LLC (Printed Name/Title)

Signature: David Hanselmann

Date: 1/28/08

David Hanselmann, Chief
Ohio Department of Natural Resources,
Division of Soil and Water Conservation (Printed Name/Title)