

of return on investment of 8.43% the initial amount of the Capital Improvement Account must be sufficient to cover all anticipated expenditures for capital replacement activities for a 75-year period.

c. A schedule for the Capital Improvement Account balance and projected capital expenditures is made a part of this Agreement as **Exhibit F**. The required balance in the Capital Improvement Account may be recalculated on an annual basis or each time a Distribution Payment is contemplated under Paragraph 12. Such recalculation shall be deemed an amendment to **Exhibit F** and this Consent Order and Agreement, and shall be used in making all future calculations involving the Capital Improvement Account.

11. Transfer of Funds to the Capital Improvement Account

If the Primary Trust Valuation after any Distribution Payment under Paragraph 7 is greater than the Primary Target Valuation, then a transfer of funds to the Capital Improvement Account shall be made if the current balance in the Capital Improvement Account is less than the required balance for the current year as indicated on **Exhibit F**. The amount of such transfer will be equal to the difference between the required balance and the current balance, or in an amount equal to the difference between the Primary Trust Valuation and the Primary Target Valuation, whichever is less.

12. Distribution Payments from the Capital Improvement Account

a. A distribution payment shall be made to KMP any time a planned capital replacement is made as indicated on **Exhibit F**. The capital replacement and maintenance activities shall be made as needed, which may be sooner or later than the projected time. The amount of the Distribution Payment shall be equal to the calculated cost of the Capital Improvement as indicated on **Exhibit F**, or in an amount equal to the difference between the

current balance in the Capital Improvement Account and the required balance after the capital improvement Distribution Payment, whichever is less.

b. Each time a Distribution Payment from the Capital Improvement Account is contemplated under this Paragraph or Paragraph 13 below, the required balance in the Capital Improvement Account must be recalculated to determine the required balance after the proposed Distribution Payment, and to determine the appropriate Distribution Payment.

13. Miscellaneous Distribution Payments from the Primary Trust Account and the Capital Improvement Account

If the Primary Trust Valuation exceeds the Primary Target Valuation in the Primary Trust Account, or if the balance in the Capital Improvement Account exceeds the required balance as indicated on **Exhibit F**, then such surplus funds may be used for the following purposes:

a. Surplus funds in the Capital Improvement Account shall be transferred to the Primary Trust Account to reduce or completely satisfy KMP's obligation to make a contribution payment under Paragraph 7.d. This amount is depicted graphically at Point 5 on **Exhibit C**. However, the amount of surplus funds transferred to the Primary Trust Account may exceed KMP's obligation under paragraph 7.d. if additional funds are needed so that the Primary Trust Valuation equals the Primary Basis Valuation. This amount is depicted graphically at Point 6 on **Exhibit C**.

b. Surplus funds in the Capital Improvement Account or the Primary Trust Account may be used by KMP to pay for unanticipated capital expenditures, or anticipated capital expenditures that exceed the calculated cost of the capital improvement as indicated on **Exhibit F**.

c. Surplus funds in the Capital Improvement Account or the Primary Trust

Account may be used by KMP to finance implementation of a new treatment technology, provided the application of such treatment technology is first approved by the Department.

d. Surplus funds in the Capital Improvement Account or the Primary Trust Account may be used by KMP to implement remediation or abatement activities to reduce or eliminate the discharges, or to improve the quality of the discharges, provided the Department first approves such activities.

14. Real and Personal Property

a. Within one (1) year of executing this Consent Order and Agreement, KMP shall submit original, recorded "Consent to Right of Entry" documents for the Joan Ehenger and Charles S. & Delores M. Kravetsky properties granting access, operation, and maintenance rights of access concerning the Treatment Systems. KMP shall assign to the Trustee all rights of access to the Ehenger Mine and Park Mine possessed by KMP.

b. KMP shall convey to the Trustee title to all equipment, pumps, plumbing, structures, tanks, etc., that together compose the Treatment Systems, which are described in the Post-Mining Discharge Treatment Trust Agreement attached hereto as **Exhibit G**. Title shall be delivered to the Trustee on or before execution of this Consent Order and Agreement.

15. Public Liability Insurance

a. KMP shall maintain in effect public liability insurance coverage for the operation, maintenance, improvement and all other activities associated with the Treatment Systems and the real and personal property which is identified in the Post Mining Treatment Trust Agreement as part of the Trust Principal. The Trustee and the Commonwealth of Pennsylvania shall be listed as additional insureds on the policy.

b. In addition to the requirements of Paragraph 15.a, the public liability

insurance shall be written on an occurrence basis and shall provide bodily injury and property damage coverage in the minimum amounts of \$500,000 per person and \$1,000,000 per occurrence. The insurance shall include a rider requiring the insurer to notify the Department thirty (30) days prior to substantive changes being made to the policy or prior to termination or failure to renew. Proof of insurance shall consist of a certificate of insurance filed annually with the Department which certifies KMP has a public liability insurance policy in force meeting the requirements of this Paragraph.

16. Annual Requirements

a. The parties will meet on or before the thirtieth (30th) day following delivery to the Department of the Accounting of each year: (i) to review and discuss the Accounting for the then completed fiscal year; (ii) to review the effectiveness of the Treatment Systems and any change in the fiscal year; (iii) to resolve any issues which arise as a result of that change or the performance of the Trust; (iv) to calculate, recalculate or adjust the size of the Primary Target Valuation, the Calculated Treatment Cost, and distribution payments from or additional payments into the KMP Trust; and (v) to address any other issues that may concern this Consent Order and Agreement or its implementation.

b. KMP shall provide annually to the Department, on forms furnished by the Department, the information required by 25 Pa. Code § 86.62(b) and (c) (relating to identification of interests).

17. KMP's Continuing Obligation

Neither KMP's agreement to fund the Trust nor the full or partial funding of the Trust, nor the exhaustion of the Trust shall in any way limit KMP's obligation to operate the Treatment Systems and to treat the Discharges in a manner that meets all applicable effluent

limitations. Furthermore, exhaustion of the Trust shall not excuse KMP's obligation to adequately treat or abate the discharges.

18. Stipulated Civil Penalties

a. In the event KMP fails to comply in a timely manner with any term or provision of this Consent Order and Agreement, KMP shall be in violation of this Consent Order and Agreement and, in addition to other applicable remedies, shall pay a civil penalty in the amount of one hundred dollars (\$100.00) per day for each violation.

b. Stipulated civil penalty payments shall be payable monthly on or before the fifteenth day of each succeeding month, and shall be forwarded to:

District Mining Manager
Department of Environmental Protection
Cambria District Mining Office
286 Industrial Park Road
Ebensburg, PA 15931

c. Any payment under this paragraph shall neither waive KMP's duty to meet its obligations under this Consent Order and Agreement nor preclude the Department from commencing an action to compel KMP's compliance with the terms and conditions of this Consent Order and Agreement. The payment resolves only KMP's liability for civil penalties arising from the violation of this Consent Order and Agreement for which the payment is made.

d. Stipulated civil penalties shall be due automatically and without notice.

19. Additional Remedies

a. In the event KMP fails to comply with any provision of this Consent Order and Agreement, the Department may, in addition to the remedies prescribed herein, pursue any remedy available for a violation of an order of the Department, including an action to enforce this Consent Order and Agreement.

b. In the event KMP defaults on the obligations of this Consent Order and Agreement, KMP will be subject to a permit block on the Department's compliance tracking system and the Federal Applicant Violator System and the Department will, in addition to any other remedy or penalty prescribed herein, list KMP as a violator on the Department's compliance tracking system and on the Federal Applicant Violator System.

c. The remedies provided by this Consent Order and Agreement are cumulative and the exercise of one does not preclude the exercise of any other. The failure of the Department to pursue any remedy shall not be deemed to be a waiver of that remedy. The payment of a stipulated civil penalty, however, shall preclude any further assessment of civil penalties for the violation for which the stipulated civil penalty is paid.

20. Reservation of Rights

The Department reserves the right to require additional measures to achieve compliance with applicable law. KMP reserves the right to challenge any action that the Department may take to require those measures.

21. Liability of KMP

KMP shall be liable for any violations of the Consent Order and Agreement, including those caused by, contributed to, or allowed by its officers, agents, employees, or contractors. KMP also shall be liable for any violation of this Consent Order and Agreement caused by, contributed to, or allowed by its successors and assigns.

22. Transfer of Interest

a. The duties and obligations under this Consent Order and Agreement shall not be modified, diminished, terminated or otherwise altered by the transfer of any legal or equitable interest in the Ehenger or Park Mines.

b. If KMP intends to transfer any legal or equitable interest in the Ehenger or Park Mines, KMP shall serve a copy of this Consent Order and Agreement upon the prospective transferee of the legal and equitable interest at least thirty (30) days prior to the contemplated transfer and shall simultaneously inform the Director, District Mining Operations, Department of Environmental Protection, District Mining Office, 8205 Route 819, Greensburg, PA 15601, Telephone: (724) 925-5500; Facsimile: (724) 925-5557 and the District Mining Manager identified in Paragraph 23 of such intent.

c. The Department in its sole discretion may agree to modify or terminate KMP's duties and obligations under this Consent Order and Agreement upon such transfer of interest. KMP hereby knowingly waives any right that it may have to challenge the Department's decision under this paragraph.

23. Correspondence with Department

All correspondence with the Department concerning this Consent Order and Agreement shall be addressed to:

District Mining Manager
Department of Environmental Protection
Cambria District Mining Office
286 Industrial Park Road
Ebensburg, PA 15931

With a copy to: Director, District Mining Operations
Greensburg District Mining Office
Armbrust Professional Center
8205 Route 819
Greensburg, PA 15601

24. Correspondence with KMP

a. All correspondence with KMP concerning this Consent Order and Agreement shall be addressed to:

Cynthia S. Rupert, President
KMP Associates, Inc.
1094 Lantz Road
Avonmore, PA 15618

b. KMP shall notify the Department whenever there is a change in the contact person's name, title, or address. Service of any notice or any legal process for any purpose under this Consent Order and Agreement, including its enforcement, may be made by mailing a copy by first class mail to the above address.

25. Force Majeure

a. In the event that KMP is prevented from complying in a timely manner with any time limit imposed in this Consent Order and Agreement solely because of a strike, fire, flood, act of God, or other circumstance beyond KMP's control and which, by the exercise of all reasonable diligence, is unable to prevent, then KMP may petition the Department for an extension of time. An increase in the cost of performing the obligations set forth in this Consent Order and Agreement shall not constitute circumstances beyond KMP's control. KMP's economic inability to comply with any of the obligations of this Consent Order and Agreement shall not be grounds for any extension of time.

b. KMP shall only be entitled to the benefits of this paragraph if it notifies the Department within five (5) working days by telephone and within ten (10) working days in writing of the date it becomes aware or reasonably should have become aware of the event impeding performance. The written submission shall include all necessary documentation, as well as a notarized affidavit from an authorized individual specifying the reasons for the delay, the expected duration of the delay, and the efforts which have been made and are being made by KMP to mitigate the effects of the event and to minimize the length of the delay. The initial written submission may be supplemented within ten (10) working days of its submission.

KMP's failure to comply with the requirements of this paragraph specifically and in a timely fashion shall render this paragraph null and of no effect as to the particular incident involved.

c. The Department will decide whether to grant all or part of the extension requested on the basis of all documentation submitted by KMP and other information available to the Department. In any subsequent litigation, KMP shall have the burden of proving that the Department's refusal to grant the requested extension was an abuse of discretion based upon the information then available to it

26. Severability

The paragraphs of this Consent Order and Agreement shall be severable and should any part hereof be declared invalid or unenforceable, the remainder shall continue in full force and effect between the parties.

27. Entire Agreement

This Consent Order and Agreement shall constitute the entire integrated agreement of the parties. No prior or contemporaneous communications or prior drafts shall be relevant or admissible for purposes of determining the meaning or extent of any provisions herein in any litigation or any other proceeding.

28. Attorney Fees

The parties shall bear their respective attorney fees, expenses and other costs in the prosecution or defense of this matter or any related matters, arising prior to execution of this Consent Order and Agreement

29. Modifications

Except as provided in Paragraph 10.c., no changes, additions, modifications, or amendments of this Consent Order and Agreement shall be effective unless they are set out in

writing and signed by the parties hereto.

30. Titles

A title used at the beginning of any paragraph of this Consent Order and Agreement may be used to aid in the construction of that paragraph, but shall not be treated as controlling.

31. Decisions under Consent Order and Agreement

Except for Paragraphs 7, 12 and 13, any decision that the Department makes under the provisions of this Consent Order and Agreement is intended to be neither a final action under 25 Pa. Code §1021.2, nor an adjudication under 2 Pa. C.S. § 101. Any objection that KMP may have to the decision will be preserved until the Department enforces this Consent Order and Agreement.

32. Successors

a. This Consent Order and Agreement shall be fully and completely binding upon any successor of KMP. For purposes of this Paragraph, successor shall mean any corporation or entity: 1) KMP consolidates with or merges into or permits to merge with it and KMP is not the surviving corporation or entity; or 2) which acquires, by purchase or otherwise, all or substantially all of KMP's properties or assets which include, but is not limited to, voting stock of KMP. Successor does not include any corporation or other entity to which KMP transfers or assigns all or substantially all of its financial or non-financial liabilities.

b. KMP shall notify the Department, without delay, of any successor as defined herein and shall provide such successor with a copy of this Consent Order and Agreement.

33. Counterpart Signatures

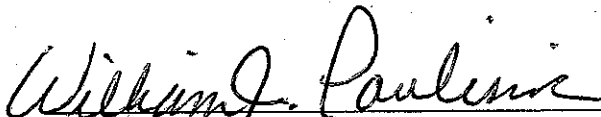
This Consent Order and Agreement may be executed in identical counterparts, with each counterpart signed by the respective party.

IN WITNESS WHEREOF, the parties hereto have caused this Consent Order and Agreement to be executed by their duly authorized representatives. The undersigned representatives of KMP certify under penalty of law, as provided by 18 Pa. C.S. § 4904, that they are authorized to execute this Consent Order and Agreement on behalf of KMP; that KMP consents to the entry of this Consent Order and Agreement as a final ORDER of the Department; and that KMP hereby knowingly waives its rights to appeal this Consent Order and Agreement and to challenge its content or validity, which rights may be available under Section 4 of the Environmental Hearing Board Act, the Act of July 13, 1988, P.L. 530, No 1988-94, 35 P.S. § 7514; the Administrative Agency Law, 2 Pa.C.S. § 103(a) and Chapters 5A and 7A; or any other provision of law. Signature by KMP's attorney certifies only that this Consent Order and Agreement has been signed after consulting with counsel.

FOR KMP:



Cynthia S. Rupert
President

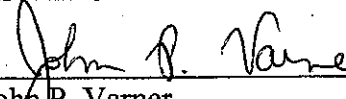


William J. Paulisick
Vice-President

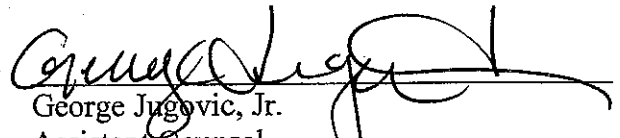


Gary A. Palatovich
Attorney for KMP

FOR THE COMMONWEALTH OF PENNSYLVANIA, DEPARTMENT OF ENVIRONMENTAL PROTECTION:



John P. Varner
District Mining Manger



George Jugovic, Jr.
Assistant Counsel
Southwest Region OCC

EXHIBITS

- Exhibit A:** Topographic map showing the locations of the Ehenger Mine and Park Mine discharges as discussed in Paragraphs H and T.
- Exhibit B:** Raw water quality of Ehenger Mine and Park Mine discharges as discussed in Paragraphs G and S.
- Exhibit C:** Graphical depiction of distribution or contribution payment amounts discussed in Paragraph 7.
- Exhibit D:** Adjustment to the Primary Target Valuation for deviations between actual treatment cost and calculated treatment cost discussed in Paragraph 8.
- Exhibit E:** Consent to Right of Entry document discussed in Paragraph BB and 14.
- Exhibit F:** Required annual balance of Capital Improvement Account for a 75-year period discussed in Paragraphs GG and 10.
- Exhibit G:** Post-Mining Treatment Trust Agreement as discussed in Paragraph 5.

KMP Assoc. Ehenger 32940109 and Park 32990110 Young Twp Indiana Co

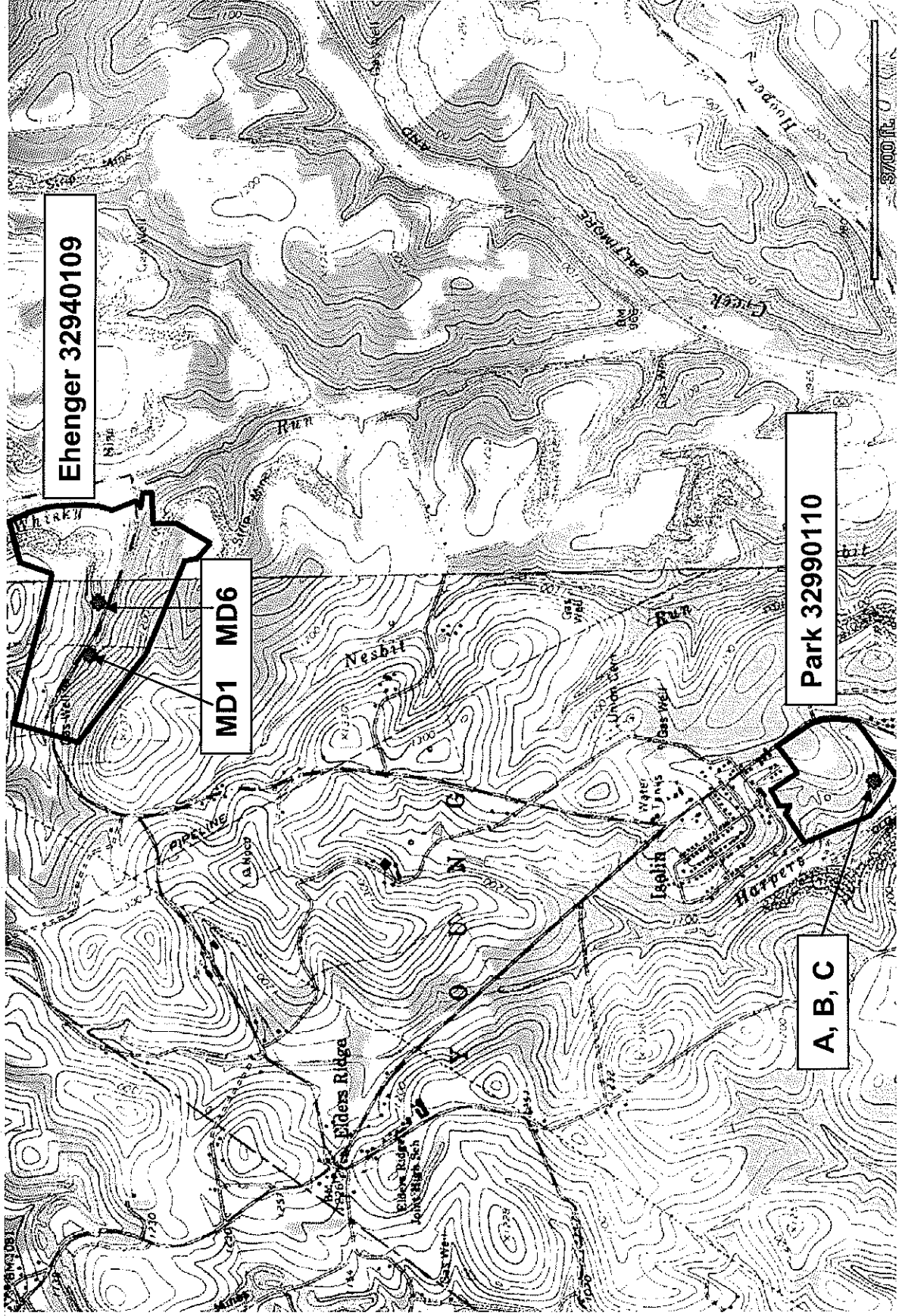


Exhibit A

Exhibit B
KMP Associates, Inc. 32940109 Ehenger Mine
Raw Discharges Quantity and Quality

ID No.	pH	Alkalinity (mg/l)	Acidity (mg/l)	Fe (mg/l)	Mn (mg/l)	Al (mg/l)	Sulfates (mg/l)	Maximum Flow (gpm)	Average Flow (gpm)
MD1	5.5	0	35	15	20	3	1100	8	5
MD6	5.5	0	200	75	75	6	2500	10	3

- Compilation of the Department's analytical sampling results from 1994 thru 2009 for MD1 and MD6.

KMP Associates, Inc. 32990110 Park Mine
Raw Discharges Quantity and Quality

ID No.	pH	Alkalinity (mg/l)	Acidity (mg/l)	Fe (mg/l)	Mn (mg/l)	Al (mg/l)	Sulfates (mg/l)	Maximum Flow (gpm)	Average Flow (gpm)
A	4.6	8	60	<0.3	21	1.6	1100	1.0	0.5
B	5.2	9	68	<0.3	31	0.7	1300	2.0	0.5
C	5.4	15	54	<0.3	34	0.6	1200	2.0	1.0

- Compilation of the Department's analytical sampling results from 2002 thru 2009 for A, B, and C.

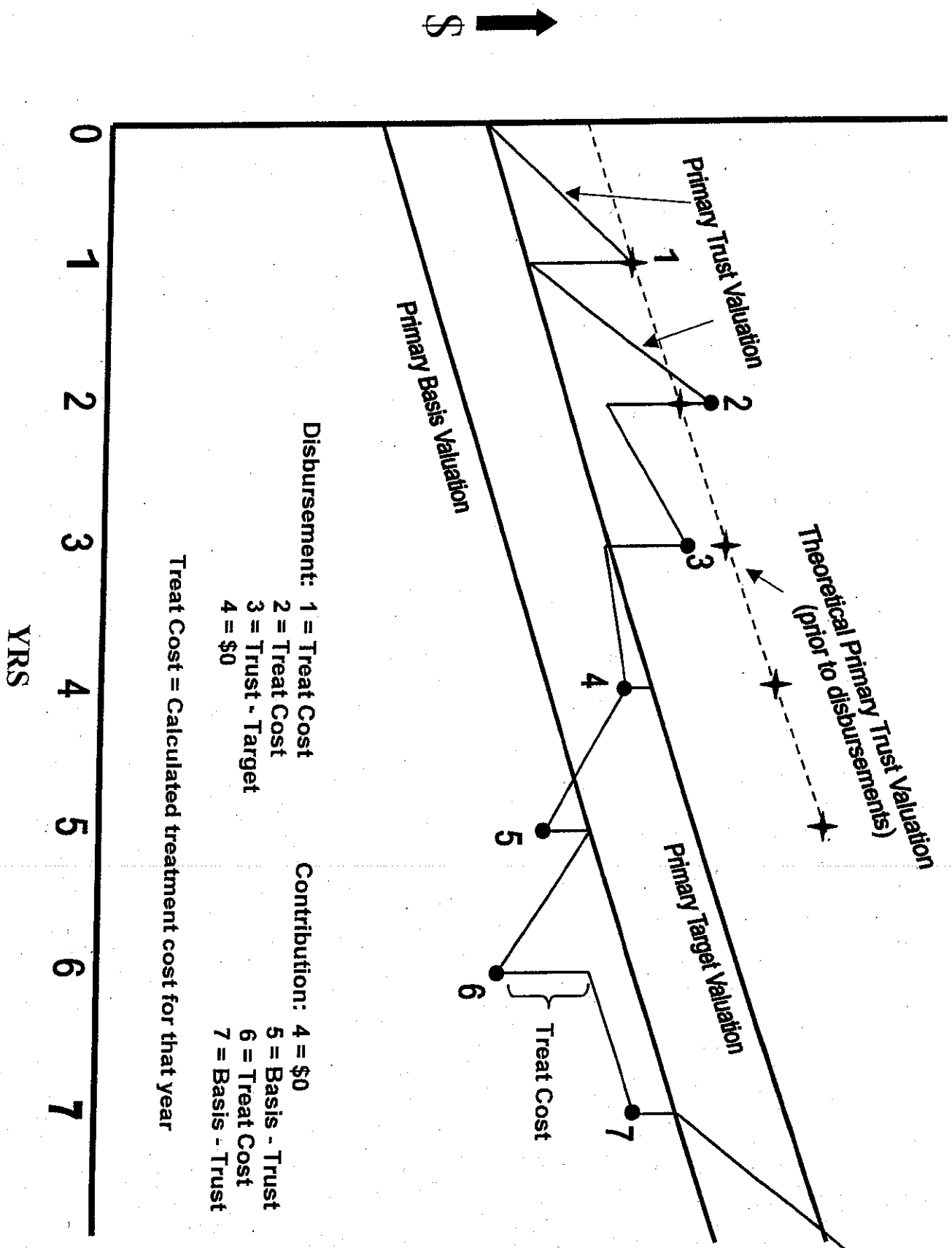


Exhibit C

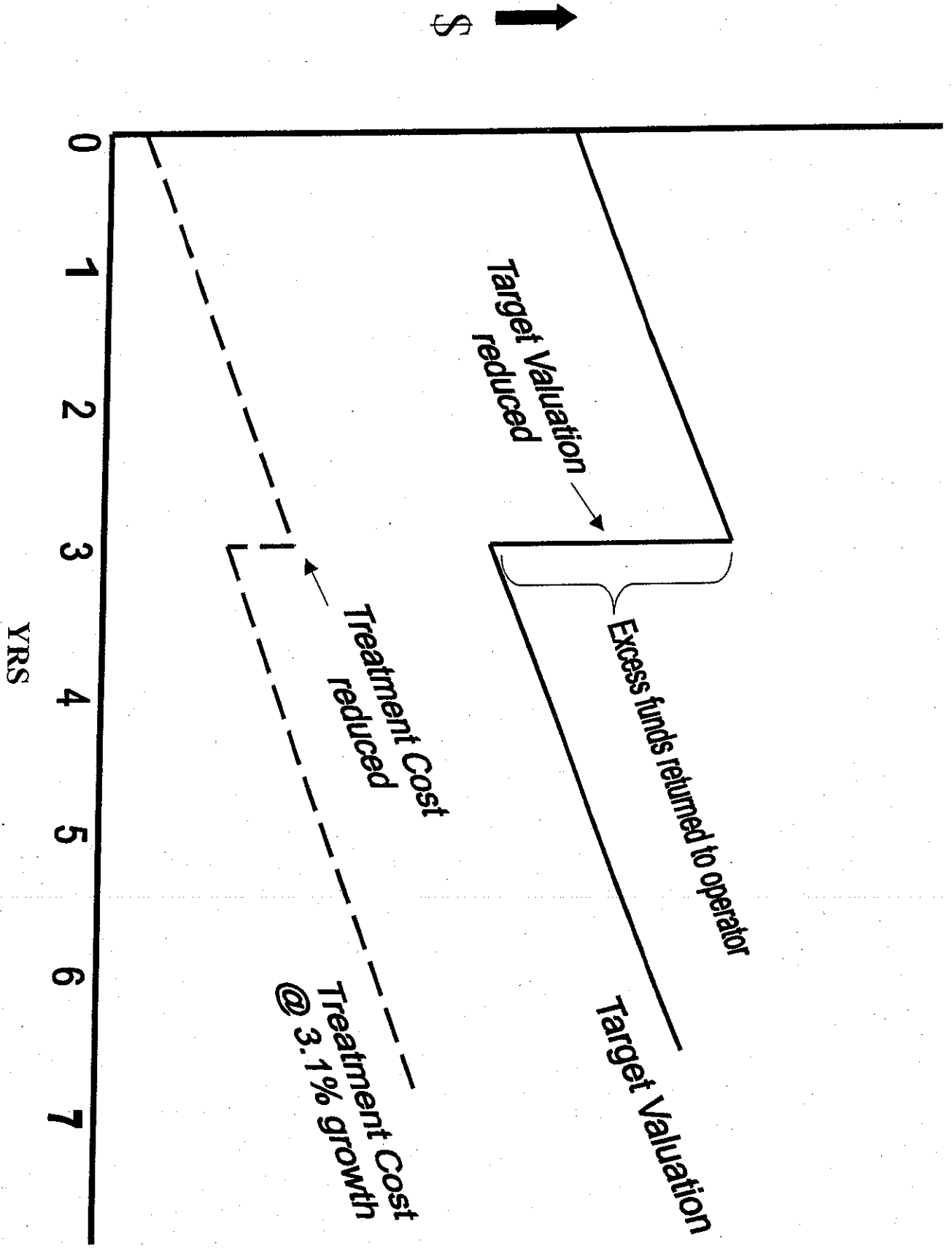


Exhibit D

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MINING AND RECLAMATION

Permit No.

CONSENT TO RIGHT OF ENTRY FOR OPERATION AND
MAINTENANCE OF MINE DRAINAGE TREATMENT FACILITY
COVERED BY A POST-MINING DISCHARGE TREATMENT TRUST

Property Owner(s): List everyone with an ownership interest in the property which is the subject of this Agreement.

Name: _____

Name: _____

Address: _____

Address: _____

WHEREAS, the Property Owner(s) own surface property containing _____ acres located in _____ Township, _____ County, Pennsylvania, and described in Deed Book Volume _____, Page _____, in the _____ County Recorder's Office (the Property);

WHEREAS, the Commonwealth of Pennsylvania, Department of Environmental Protection (DEP) is authorized to administer and enforce the Surface Mining Conservation and Reclamation Act, 52 P.S. §§ 1396.1—1396.19a, the Clean Streams Law, 35 P.S. §§ 691.1—691.1001, and their implementing regulations, including requiring the construction, operation and maintenance of facilities designed to remediate the effects of mine drainage;

WHEREAS, [Operator] conducted surface mining activities on [or adjacent to] the Property pursuant to Surface Mining Permit No. _____;

WHEREAS, DEP has determined that mine drainage caused by [Operator's] mining activities is discharging from or passing through the Property, and the mine drainage on the Property is causing pollution, or a danger of pollution, to waters of the Commonwealth;

WHEREAS, DEP and [Operator] have entered into a Consent Order and Agreement, dated _____ (COA) which requires [Operator] to construct, operate and maintain mine drainage treatment facilities on a portion of the Property (the Treatment Facility Property), for purposes of treating the polluttional discharge(s);

WHEREAS, a map showing the boundaries of the Treatment Facility Property is attached as Exhibit A;

Exhibit E

WHEREAS, [Operator] has established a trust with a financial institution, managed by a trustee (the Trustee), in order provide sufficient funds to guarantee [Operator's] legal obligation to operate and maintain the mine drainage treatment facilities on the Property and the [Operator's] obligation for long-term treatment, or abatement, of the post-mining polluttional discharge(s) on the Property;

WHEREAS, to comply with the COA, [Operator], DEP and the Trustee must have access to the Treatment Facility Property to conduct and/or oversee the activities required by the COA;

WHEREAS, [Operator and DEP] have requested and the Property Owner(s) is willing to grant [Operator], DEP and the Trustee a right of entry into, under, over and upon the Treatment Facility Property to construct, operate and maintain mine drainage treatment facilities;

WHEREAS, the Property Owner(s) acknowledge that treatment of the mine drainage on the Property will provide benefits to the Property Owner and to the Commonwealth through abatement of a nuisance, restoration of land affected by mining operations, and prevention of pollution to waters of the Commonwealth;

NOW THEREFORE, in consideration of the benefits which the Property Owner(s) and the general public will receive, and with the intention of being legally bound, it is agreed as follows:

1. Right of Entry. The Property Owner(s) hereby grants and conveys to [Operator], DEP and the Trustee, its employees, agents, servants, contractors and subcontractors, a right of entry into, under, over and upon the Treatment Facility Property. This right of entry includes all necessary rights of ingress, egress and regress with all personnel, materials, and equipment needed to perform the discharge treatment activities.
2. Duration of Right of Entry. The term of this Right of Entry shall extend for the length of time necessary to complete the discharge treatment activities described in the COA. It is specifically understood and agreed that the term of this Right of Entry extends for the length of time necessary to operate and maintain all mine drainage treatment facilities on the Treatment Facility Property, and shall only terminate when such treatment facilities are no longer necessary to remediate or prevent pollution to waters of the Commonwealth.
3. Insurance. DEP will require [Operator] and the Trustee to obtain and keep in force insurance coverage sufficient to protect against damage or injury associated with the operation and maintenance of the mine drainage treatment facilities on the Property.
4. Property Use. During the term of this Right of Entry, the Property Owner(s) will not, without the written consent of DEP, make any use of the Property which will interfere with the construction, operation or maintenance of the mine drainage treatment facilities installed on the Treatment Facility Property.
5. Notification. This Consent to Right of Entry shall be recorded by [Operator] in the _____ County Recorder's Office within thirty days of its execution. In the event that the Property Owner(s) intends to sell, lease, or otherwise transfer any interest in the

Property prior to the termination of this Right of Entry, the Property Owners shall advise the prospective owner or lessee of the terms and conditions of this Right of Entry. The Property Owner(s) shall advise DEP of the intent to sell the Property prior to any sale.

6. Representation of Interests. The Property Owners represent that they are the only persons authorized to grant access to the Treatment Facility Property.

7. Binding on Successors. All the covenants, representations, consents, waivers and agreements contained herein shall be binding upon and inure to the benefit of the parties and their heirs, successors and assigns.

IN WITNESS WHEREOF, each of the parties set its respective hand and seal, for itself, its heirs, executors, administrators, successors and assigns, intending to be legally bound, this _____ day of _____, 20____.

The Property Owner(s)
*(Each owner sign and print
their name under the signature.)*

Name:

For [Operator]

Name:

Title:

For the Department of Environmental Protection:

Name:

Title:

ACKNOWLEDGEMENT

STATE OF

:
:
:

SS

COUNTY OF

On this, the ____ day of _____, 20____, before me, the undersigned Notary, personally appeared

(Name (s))

known to me (or satisfactorily proven) to be the person(s) whose name(s) is/are subscribed to this instrument, and who acknowledged that (he, she or they) have executed the same and desire it to be recorded.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

(SEAL) _____
Notary Public

My Commission Expires: _____

Company Name KMP Assoc
 Project Ehenger and Park combined recap
 Site Name Ehenger and Park

Life of Trust Fund 75 yrs
 Inflation Rate 3.10 %
 Return Rate 8.43 %

Exhibit F
Capital Improvement Account
Required Annual Balance



AMD TREAT
RECAPITIALIZATION COST

AMD TREAT

Year	Trust Fund Growth Fund Before Payout	Trust Fund Growth Fund After Payout	Payout Schedule	Year	Trust Fund Growth Fund Before Payout	Trust Fund Growth Fund After Payout	Payout Schedule
	24,624	24,624	Initial Fund Amount				
1	26,699	26,699	0	51	87,846	87,846	0
2	28,950	28,950	0	52	95,251	95,251	0
3	31,391	31,391	0	53	103,281	103,281	0
4	34,037	34,037	0	54	111,987	111,987	0
5	36,906	36,906	0	55	121,428	121,428	0
6	40,017	40,017	0	56	131,664	89,533	42,131
7	43,391	33,952	9,439	57	97,080	97,080	0
8	36,814	36,814	0	58	105,264	105,264	0
9	39,917	39,917	0	59	114,138	114,138	0
10	43,282	43,282	0	60	123,760	123,760	0
11	46,931	46,931	0	61	134,193	134,193	0
12	50,887	50,887	0	62	145,505	145,505	0
13	55,177	55,177	0	63	157,771	105,601	52,170
14	59,829	48,141	11,688	64	114,503	114,503	0
15	52,199	52,199	0	65	124,156	124,156	0
16	56,599	56,599	0	66	134,622	134,622	0
17	61,371	61,371	0	67	145,971	145,971	0
18	66,544	66,544	0	68	158,277	158,277	0
19	72,154	72,154	0	69	171,619	171,619	0
20	78,236	78,236	0	70	186,087	121,487	64,599
21	84,832	70,359	14,472	71	131,728	131,728	0
22	76,290	76,290	0	72	142,833	142,833	0
23	82,721	82,721	0	73	154,874	154,874	0
24	89,695	89,695	0	74	167,930	167,930	0
25	97,256	57,688	39,568	75	182,086	0	182,086
26	62,551	62,551	0	76	0	0	0
27	67,824	67,824	0	77	0	0	0
28	73,542	55,621	17,921	78	0	0	0
29	60,310	60,310	0	79	0	0	0
30	65,394	65,394	0	80	0	0	0
31	70,907	70,907	0	81	0	0	0
32	76,884	76,884	0	82	0	0	0
33	83,365	83,365	0	83	0	0	0
34	90,393	90,393	0	84	0	0	0
35	98,013	75,822	22,191	85	0	0	0
36	82,214	82,214	0	86	0	0	0
37	89,145	89,145	0	87	0	0	0
38	96,660	96,660	0	88	0	0	0
39	104,808	104,808	0	89	0	0	0
40	113,644	113,644	0	90	0	0	0
41	123,224	123,224	0	91	0	0	0
42	133,612	106,133	27,478	92	0	0	0
43	115,080	115,080	0	93	0	0	0
44	124,782	124,782	0	94	0	0	0
45	135,301	135,301	0	95	0	0	0
46	146,707	146,707	0	96	0	0	0
47	159,074	159,074	0	97	0	0	0
48	172,484	172,484	0	98	0	0	0
49	187,025	152,999	34,025	99	0	0	0
50	165,897	81,016	84,881	100	0	0	0