777-48008-05582



AIR PERMIT APPLICATION COVER SHEET MAIL
State Form 50639 (R4 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

13333

IDEM – Office of Air Quality – Permits Branch 100 N. Senate Avenue, MC 61-53 Room 1003 Indianapolis, IN 46204-2251 Telephone: (317) 233-0178 or Toll Free: 1-800-451-6027 x30178 (within Indiana) Facsimile Number: (317) 232-6749

www.IN.gov/idem

- The purpose of this cover sheet is to obtain the core information needed to process the air permit application. This cover sheet is required for <u>all</u> air permit applications submitted to IDEM, OAQ. Place this cover sheet on top of all subsequent forms and attachments that encompass your air permit application packet.
- Submit the completed air permit application packet, including all forms and attachments, to IDEM Air Permits Administration using the address in the upper right hand corner of this page.
- IDEM will send a bill to collect the filing fee and any other applicable fees.
- Detailed instructions for this form are available on the Air Permit Application Forms website.

FOR OFFICE USE ONLY
PERMIT NUMBER:
Received -
DATE APPEIGATION WAS RECEIVED:
JUL 05 2024 HC Dept of Environmental Mgmt Office of Air Quality

1.	Tax ID	Number:	
-			

	PART A: Purpose of Application						
	art A identifies the p ource" refers to the	•		•		•	ne term
2.	Source / Company N	Name: Kings	Station / Keyrock	Environmer	nt LLC	3. Plant ID:	(Colona
4.	Billing Address:	153 Ja	ackson Avenue				
	City: Madison			State:	WV	ZIP Code: 25130	
5.	Permit Level:	Exemption	⊠ Registration	SSOA	☐ MSOP	☐ FESOP ☐ TVOP	☐ PBR
6.	Application Summa choices selected belo		at apply. Multiple	permit num	nbers may be as	signed as needed bas	ed on the
	☐ Initial Permit	☐ Ren∈	ewal of Operating	Permit	□A	sphalt General Permit	
	Review Request	☐ Revo	cation of Operation	ng Permit	□ A	Iternate Emission Fac	tor Request
	☐ Interim Approval	☐ Relo	cation of Portable	Source	□ A	cid Deposition (Phase	: II)
	☐ Site Closure	☐ Emis	sion Reduction C	redit Registr	у		
	☐ Transition (between	en permit levels) From:			То:	
	☐ Administrative Am	nendment:	☐ Company Name	Change		☐ Change of Respo	onsible Official
			☐ Correction to No	on-Technical	Information	☐ Notice Only Char	nge
			Other (specify):				
	Modification:	New Emission	Unit or Control Dev	rice 🔲 M	odified Emission (Init or Control Device	
		☐ New Applicable	e Permit Requireme	ent 🔲 Ca	hange to Applicab	ility of a Permit Requirer	nent
] Prevention of S	Significant Deteriora	tion 🔲 Eı	mission Offset	☐ MACT Preconstr	uction Review
		☐ Minor Source N	Modification [] Significant	Source Modification	on	
		☐ Minor Permit M	odification [] Significant	Permit Modification	on	
		Other (specify):					
7.	Is this an application t	for an initial cor	struction and/or o	perating pe	rmit for a "Gree	nfield" Source?	Yes 🛛 No
8.	Is this an application t	for construction	of a new emission	ns unit at ar	n Existina Sour	ce?	Yes ⊠ No

PART B: Pre-Application Meeting
Part B specifies whether a meeting was held or is being requested to discuss the permit application.
9. Was a meeting held between the company and IDEM prior to submitting this application to discuss the details of the project?
⊠ No ☐ Yes: Date:
10. Would you like to schedule a meeting with IDEM management and your permit writer to discuss the details of this project?
No ☐ Yes: Proposed Date for Meeting:
PART C: Confidential Business Information
Part C dentifies permit applications that require special care to ensure that confidential business information is kept separate from the public file.
Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in the Indiana Administrative Code (IAC). To ensure that your information remains confidential, refer to the IDEM, OAQ information regarding submittal of confidential business information. For more information on confidentiality for certain types of business information, please review IDEM's Nonrule Policy Document Air-031-NPD regarding Emission Data.
11.Is any of the information contained within this application being claimed as Confidential Business Information?
Ⅺ No ☐ Yes
DART D. Cowlification Of Twith Assurably and Completeness
PART D: Certification Of Truth, Accuracy, and Completeness Part D is the official certification that the information contained within the air permit application packet is truthful, accurate, and complete. Any air permit application packet that we receive without a signed certification will be deemed incomplete and may result in denial of the permit.
For a Part 70 Operating Permit (TVOP) or a Source Specific Operating Agreement (SSOA), a "responsible official" as defined in 326 IAC 2-7-1(34) must certify the air permit application. For all other applicants, this person is an "authorized Individual" as defined in 326 IAC 2-1.1-1(1).
I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete.
Mark Allaman Managing Director
Name (typed) Title
Mark Allaman 6-21-2024
Signature Date



OAQ GENERAL SOURCE DATA APPLICATION GSD-01: Basic Source Level Information State Form 50640 (R5 / 1-10) State of middle Information

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Dept of Environmental Mgmt Office of Air Quality IDEM – Office of Air Quality – Permits Branch 100 N. Senate Avenue, MC 61-53 Room 1003 Indianapolis, IN 46204-2251 Telephone: (317) 233-0178 or Toll Free: 1-800-451-6027 x30178 (within Indiana) Facsimile Number: (317) 232-6749

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- The purpose of GSD-01 is to provide essential information about the entire source of air pollutant emissions. GSD-01 is a required form.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims
 of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326
 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for
 public inspection.

PART A: Source / Compa	any Location Information					
1. Source / Company Name: King Station / Keyrock Environ	nment LLC2. Plant ID: —					
3. Location Address: Located .13 Miles from corner of W	400 S and US Hwy 41					
City: Princeton	State: IN ZIP Code: 47670					
4. County Name: Gibson	5. Township Name: Patoka					
6. Geographic Coordinates:						
Latitude: 38°17'50.3"N	Longitude: 87°34'12.4"W					
7. Universal Transferal Mercadum Coordinates (if known): _					
Zone: 16 Horizontal: E 4	50148.33 Vertical : N 4238956.24					
8. Adjacent States: Is the source located within 50 miles of	an adjacent state?					
☐ No ☑ Yes – Indicate Adjacent State(s): Illinois (IL)	☐ Michigan (MI) ☐ Ohio (OH) ☐ Kentucky (KY)					
9. Attainment Area Designation: Is the source located within	a non-attainment area for any of the criteria air pollutants?					
⊠ No	$O \square Pb \square NO_x \square O_3 \square PM \square PM_{10} \square PM_{2.5} \square SO_2$					
10. Portable / Stationary: Is this a portable or stationary sou	rce?					
PART B: Soul	rce Summary					
11. Company Internet Address (optional):						
12. Company Name History: Has this source operated under	er any other name(s)?					
⊠ No	company names in Part I, Company Name History.					
13. Portable Source Location History: Will the location of the	he portable source be changing in the near future?					
☑ Not Applicable ☐ No ☐ Yes – Complete Part J, Portable Source Location History, and						
	Part K, Request to Change Location of Portable Source.					
14. Existing Approvals: Have any exemptions, registrations	, or permits been issued to this source?					
	onding emissions units in Part M, Existing Approvals.					
15. Unpermitted Emissions Units: Does this source have a	ny unpermitted emissions units?					
⊠ No	in Part N, Unpermitted Emissions Units.					
16. New Source Review: Is this source proposing to constru	ct or modify any emissions units?					
☐ No Yes – List all proposed new construction i	in Part O, New or Modified Emissions Units.					
17. Risk Management Plan: Has this source submitted a Ris	17. Risk Management Plan: Has this source submitted a Risk Management Plan?					
Not Required	EPA Facility Identifier: — —					

PART C: Source C	ontact Information	
IDEM will send the original, signed permit decis This person MUST be an employee of the permitte	_	entified in this section.
18. Name of Source Contact Person: Joe Lane		
19. Title (optional): Permitting and Regulatory Manager		
20. Mailing Address: 153 Jackson Avenue		
City: Madison	State: WV	ZIP Code : 25130 –
21. Electronic Mail Address (optional): jlane@keyrockenerg	yy.com	
22. Telephone Number : (304) 989 – 5533	23. Facsimile Number	(optional): () –
		•
PART D: Authorized Individual/F		
IDEM will send a copy of the permit decision to the Individual or Responsible Official is different from the		
24. Name of Authorized Individual or Responsible Officia	II: Mark Allaman	
25. Title: Managing Director		
26. Mailing Address: P.O.Box 2223		
City: Johnson City	State: TN	ZIP Code : 37605 –
27. Telephone Number : (304) 573 – 9873	28. Facsimile Number	(optional): () –
29. Request to Change the Authorized Individual or Respondence the person designated as the Authorized Individual IDEM, OAQ? The permit may list the title of the Authorized Individual IDEM.	al or Responsible Official	in the official documents issued by
PART E: Own	er Information	
30. Company Name of Owner: Keyrock Environment LLC		
31. Name of Owner Contact Person: Bruce Horman		
32. Mailing Address: P.O. Box 2223		
City: Johnson City	State: TN	ZIP Code : 37605 –
33. Telephone Number : (618) 443 - 8753	34. Facsimile Number	(optional): () –
34. Operator: Does the "Owner" company also operate the s	ource to which this applic	ation applies?
☐ No — Proceed to Part F below. ☐ Yes — Enter "SAN	IE AS OWNER" on line 35 and	d proceed to Part G below.
PART F: Opera	tor Information	The state of the s
35. Company Name of Operator: SAME AS OWNER		
36. Name of Operator Contact Person:		
37. Mailing Address:		
City:	State:	ZIP Code: –
38 Telephone Number: () _	39 Facsimile Number	(ontional): () –

PART G: Agei	nt Information	
40. Company Name of Agent: Keyrock Environment		
41. Type of Agent:	ttorney 🔲 Other (sp	ecify):
42. Name of Agent Contact Person: Joe Lane		
43. Mailing Address: 153 Jackson Avenue		
City: Madison	State: WV	ZIP Code : 25130 –
44. Electronic Mail Address (optional): jlane@keyro	ockenergy.com	
45. Telephone Number : (304) 989 - 5533	46. Facsimile Number	(optional): () –
47. Request for Follow-up: Does the "Agent" wish to receive		
during the public notice period (if applicable) and a copy	of the final determination?	
PART H: Local Li	brary Information	
48. Date application packet was filed with the local librar	•	
49. Name of Library: Princeton Public Library	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
50. Name of Librarian (optional): Shannon Linsday		·
51. Mailing Address: 124 S. Hart St.		
City: Princeton	State: IN	ZIP Code : 47670
52. Internet Address (optional): https://princetonp	1	
	incetonpl.lib.in.us	The second se
54. Telephone Number : (812) - 385 – 4464	55. Facsimile Number	(optional): () –
PART I: Company Nam		
Complete this section only if the source has previously opera above in Section A.	ted under a legal name th	at is different from the name listed
56. Legal Name of Company		57. Dates of Use
ov. Logar ranne or company		to
		to
		to
		to
50 O The State of		to
58. Company Name Change Request: Is the source official on all official documents issued by IDEM, OAQ?	ily requesting to change ti	ne legal name that will be printed
☐ No ☐ Yes – Change Company Name to:		

Address:

County Name:
63. New Location:
Address:
City:

County Name:

City:

). Plant ID	60. Location of the Portable Source	61. Dates at this Location
		to
-		to
		to
		to
-		to
_		to
_		to
wices		to
_		to
		to
_		to
_		to
		to
		to
	PART K: Request to Change Location of Portable So	ource (if applicable)

PART J: Portable Source Location History (if applicable)

State:

State:

ZIP Code:

ZIP Code:

	PART L: Source Process Descri	ption	
Complete this section to summarize th	ne main processes at the source.		
64. Process Description	65. Products	66. SIC Code	67. NAICS Code
Sanitary Services		4959	

PART M: Existing Approvals (if applicable)							
Complete this section to summarize the approvals issued to the source since issuance of the main operating permit.							
68. Permit ID 69. Emissions Unit IDs 70. Expiration D							

PART N: Unpermitted Emissions Units (if applicable)						
ction only if the source has emission units tha	at are not listed in any perm	it issued by IDEM,	OAQ.			
73. Actual Dates						
72. Type of Emissions Unit	Began Construction	Completed Construction	Began Operation			
·						
	ction only if the source has emission units tha	ction only if the source has emission units that are not listed in any perm 73. Actual 72. Type of Emissions Unit Began	ction only if the source has emission units that are not listed in any permit issued by IDEM. 73. Actual Dates 72. Type of Emissions Unit Began Completed			

Complete this se	ction	only	if the source is proposing to add new e	emission units or modify	existing emission	units.	
74. Emissions Unit ID	3	Ö		78. Estimat	78. Estimated Dates		
	75. NEW 76. MOD	i		Begin Construction	Complete Construction	Begin Operation	
	Х		(2)Enclosed Flares	7/21/2024	7/21/2024	7/22/2024	

Cimarron ECD- High Volume- 84"X32'X53 Specifications

	enter:
State of Operation	Principal Sections of the Control of
Flare type	Cim 84"
Target flow rate for source [scfm]	971.0
Methane Concentration [%]	100%
CH4 heating value [Btu/scf]	910
Max Heat Release per Flare [MMbtu/hr]	53.0
Number of Flares Required for Target	1

Empiral on Carring	Max Heat	Max Heat Release		Emissions Factor		Emissions	
Emission Source Per Flare		Total Site	Pollutant	Value	(lb/hr)	(ton/year)	
			СО	0.1000 lb/mmbtu	5.302	23.2	
			NOx	0.0800 lb/mmbtu	4.241	18.6	
Cim 84" Flares 53.0		53.0 MMBTU/hr	PM	4.5000 lb/mmscf	0.262	1.1	
	53.0 MMBTU/hr		PM 10	4.0000 lb/mmscf	0.233	1.0	
			502	0.0000 lb/mmbtu	-	-	
			VOM	0.0000 lb/mmbtu	-	-	
			HAPS	0.0000 lb/mmbtu	-	-	



ECD - High Volume - 84" x 32' x 53 MMBTU/HR

Data	Parameter
Size	84" OD x 32'
Capacity (Third Party Verified)	500 MSCFD @ 10 oz/in using SG 1.52/2500 BTU/SCF
Heat Duty Rating	53 MMBTU/HR Max
Burner Size	Staged combustion with Removable Trays – Custom drilling
Stack	Insulated
Stack Internal Operating Temperature	500-1700°F
Inlet Temp	-20-1200°F
Pressure Rating	Atmospheric
Electrical Classification	Non-Hazardous
Wind Load	90 mph 3sec Wind Gust per ASCE 7-05 (see note below)
Estimated Weight (No Concrete Block):	14,900 lbs

Connection Schedule	QTY	Size	Type
Maintenance Access	1	8"	Pipe
Waste Gas Inlet 'A'	1	3"	NPT
Waste Gas Inlet 'B'	1	3"	NPT
Burner Ignition Gas Inlet	1	1"	NPT
Pilot Inlet 'A'	1	1"	NPT
Pilot Inlet 'B'	1	1'	NPT
Spare	2	1"	NPT
Pilot	1	1"	NPT
Sight Glass	2	3"	NPT

	Paint
External	Default Color: Noble Tan unless other color chosen as option

Standard Accessories - Included

Description	OEM	OEM Model #	QTY
Manual Dampers	Generic	Generic	3
Pilot Regulator, 1/4"	Fisher	67CR-206	1
Pilot Isolation Ball Valve 1/4 STL 2000# FP	Chemoil	2027WC-02	1
Bird Cone	Cimarron	SL 146577	1

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Accessories - Optional

Description	OEM	OEM Model #	QTY
Inlet Piping with Low DP SDV	Cimarron	-	1
144"x144"x10" Concrete Block No Anchors	Generic	SL 146698	1

Notes

Pilot Consumption: Propane: 15 SCFH @ 4 psig, Natural Gas: 30 SCFH @ 8 - 10 psig (per ignitor)

Expected Emissions (not guaranteed) at process conditions mentioned below:

- Destruction Removal Efficiency: ≥ 99%
- NOx: 0.08 lb/MMBTU
- CO: 0.1 lb/MMBTU
- PM: 4.5 lb/MMSCF
- PM₁₀: 4 lb/MMSCF

Structure certified per ASCE 7-05 & IBC 2006 stds (pre-mounted concrete base required for compliance). Customer to ensure soil & site foundation supports.

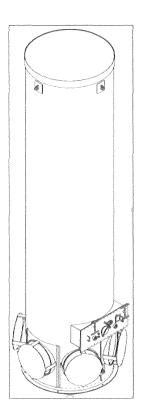
Process Conditions

Process Conditions	Parameter
Gas Flow Rate (CFM)	965
Gas Composition	100% Methane
Gas Pressure at the burner (psig)	1
Process guarantee applies only to a	conditions listed.

Quote: 21641 Rev 6 <u>www.cimarron.com</u> Page 11



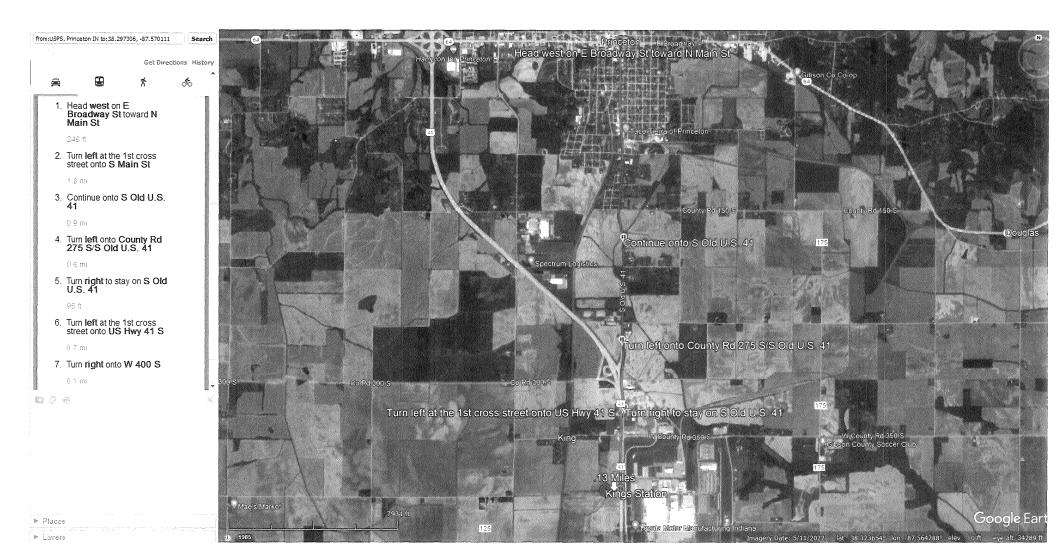
Unit Illustrations (For information only, actual drawings to be provided upon purchase)



Inlet Piping with Low DP SDV (4" Valve and Flame Arrestor)

Description	OEM	OEM Model #	QTY
Back Draft Cell: 4" In-Line Flame Arrestor	WENCO	TBD	1
Valve: Butterfly 4" w/ Hytork Pneumatic Actuator	Hytork	TBD	1

Quote: 21641 Rev 6 <u>www.cimarron.com</u> Page 12



		<u>.</u>	(6)





OAQ GENERAL SOURCE DATA APPLICATION GSD-14: Owners and Occupants Notified

State Form 51609 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch 100 N. Senate Avenue, MC 61-53 Room 1003 Indianapolis, IN 46204-2251 Telephone: (317) 233-0178 or Toll Free: 1-800-451-6027 x30178 (within Indiana) Facsimile Number: (317) 232-6749

www.IN.gov/idem

- The purpose of GSD-14 is to identify adjacent landowners and occupants that are to be notified that an air permit application has been submitted.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality.
 Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Owners And Occupants Notified			
Use this table to identify adjacent landowners and occupants that you have notified of your intent to construct pursuant to Indiana Code (IC) 13-15-8. If you need additional space, you may make copies of this form.			
1. Owner / Occupant Name: Toyota Motor Manufacturing		2. Date Notified: 6/21/2024	
3. Address: 4000 Tulip Tree Dr.			
City: Princeton	State: IN	ZIP Code: 47670	
4. Electronic Mail:	5. Telephone Numb	er: 812-387-2000	
6. Method of Notification:	ic Mail 🛛 Standard M	ail Other (specify): In Person	
Owner / Occupant Name:		Date Notified:	
Address:			
City:	State:	ZIP Code:	
Electronic Mail:	Telephone Number: () -	
Method of Notification:	Mail X Standard Mai	I ☐ Other (specify): In Person	
Owner / Occupant Name:		Date Notified:	
Address:			
City:	State:	ZIP Code: –	
Electronic Mail: Telephone Number: () -			
Method of Notification: Telephone Electronic Mail Standard Mail Other (specify):			
Owner / Occupant Name:		Date Notified:	
Address:			
City:	State:	ZIP Code: –	
Electronic Mail:	Telephone Number: () -	
Method of Notification: Telephone Electronic	Mail Standard Mai	l Other (specify):	
Owner / Occupant Name:		Date Notified:	
Address:			
City:	State:	ZIP Code: –	
Electronic Mail: Telephone Number: () -			
Method of Notification: Telephone Electronic	Mail Standard Mai	Other (specify):	



OAQ GENERAL SOURCE DATA APPLICATION GSD-15: Government Officials Notified

State Form 51608 (R3 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch 100 N. Senate Avenue, MC 61-53 Room 1003 Indianapolis, IN 46204-2251 Telephone: (317) 233-0178 or Toll Free: 1-800-451-6027 x30178 (within Indiana)

Facsimile Number: (317) 232-6749 www.IN.gov/idem

- The purpose of GSD-15 is to identify local government officials that are to be notified that an air permit application has been submitted.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality.
 Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Government Officials Notified			
Use this table to identify local government officials that should be notified pursuant to Indiana Code (IC) 13-15-3-1 that an air permit application has been submitted. If you need additional space, you may make copies of this form.			
1. Name: Bruce McIntosh		2. Date Notified: 6/21/2024	
3. Title: Princeton City Councilman at Large			
4. Address: P.O. Box 15			
City: Princeton	State: IN	ZIP Code : 47670 –	
5. Electronic Mail: councilatlarge@princetoncity.com	6. Telephone Number	: (260) 413 - 8488	
7. Method of Notification:	c Mail 🔲 Standard Mai	I ☐ Other (specify):	
Name: Ken Montgomery		Date Notified: 7/19/2023	
Title: Gibson County District 2 Commisioner			
Address: 101 N Main			
City: Princeton	State: IN	ZIP Code : 47670 –	
Electronic Mail: kmontgomery@gibsoncounty-in.gov	Telephone Number: (8	312) 385 - 8260	
Method of Notification: ☐ Telephone ☐ Electronic N	Mail	Other (specify):	
Name:		Date Notified:	
Title:			
Address:			
City:	State:	ZIP Code: –	
Electronic Mail:	Telephone Number: () -	
Method of Notification:	Ոail ☐ Standard Mail	Other (specify):	
Name:		Date Notified:	
Title:			
Address:			
City:	State:	ZIP Code: –	
Electronic Mail:	Telephone Number: () -	
Method of Notification: Telephone Electronic N	fail Standard Mail	Other (specify):	





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Permits Branch
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Indianapolis IN 46204-225

Label 228, March 2016

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