

Introduction

This report will summarize and document the results of the final investigatory steps taken by Gelman Sciences, Inc. (d/b/a Pall Life Sciences) (“PLS”) to implement its June 17, 2005 Well Identification Work Plan and the Court’s September 2, 2009 Order Resolving Plaintiffs’ Motion to Enforce Order Prohibiting Groundwater Use (“September 2009 Order”). Each of the tasks identified in the original Work Plan has been completed and no further action regarding this matter is planned.

Final Investigation Tasks

The September 2009 Order required the parties to identify which of the Prohibition Zone properties developed outside of platted subdivisions required further investigation.

Survey Properties

Pursuant the Court’s Order, the parties identified the properties listed below as the properties that PLS would survey to determine if the owner is aware of the presence of a private water well (in or out of use) on the property:

1500 Dexter	943 Newport Rd.
2008 Dexter	1005/1015 Newport Rd.
2102 Dexter	1025 Newport Rd.
1943 Jackson	1035 Newport Rd.
1120 Miller	1056 Newport Rd.
1128 Miller	1057 Newport Rd.
1146 Miller	1065 Newport Rd.
1541 Miller	1075 Newport Rd.
1553 Miller	1125 Newport Rd.
1575 Miller	1135 Newport Rd.
1593 Miller	1144 Newport Rd.
1605 Miller	1145 Newport Rd.
1629 Miller	2005 Penncraft Ct.
1685 Miller	1000 Pine Tree Dr.

PLS mailed surveys to these properties on September 16, 2009. (See Confirmation of Mailing attached as Exhibit 1). The responses to these surveys are discussed in the “Results” Section below.

Main Street Properties Receiving GW Prohibition Order

The properties on Main Street were developed very early on in the history of the City, before development of the initial municipal water system in the early 19th Century. These properties were all required to connect to the early municipal water system between 1912 and 1926. (Well Identification Report dated February 28, 2006, p. 6). Consequently, the parties agreed that it would make little sense to survey the current owners of these properties because it is unlikely they would be aware of wells that might have been installed nearly 100 years ago. The parties agreed that PLS could comply with the September 2009 Order by providing a copy of the Court's May 17, 2005 Order Prohibiting Groundwater Use ("GW Prohibition Order") to the owners of the properties listed below:

1251 N. Main
1311 N. Main
1313 N. Main
1315 N. Main
1319 N Main

The GW Prohibition Order and an explanatory letter were mailed to each property on September 21, 2009. (See Confirmation of Mailing attached as Exhibit 2).

Properties Receiving Confirmatory Copy
Of Groundwater Prohibition Order

Prior to the Court's issuance of the Order, the parties agreed that PLS would confirm and document that the properties listed below had previously been provided with a copy of the GW Prohibition Order or, if such documentation was unavailable, provide the owners with another copy of the order. PLS mailed a copy of the May 17, 2005 Order and an explanatory letter to each of the following properties on September 21, 2009:

Arborview 1522
Dexter 2200
Glendale S 312
Glendale S 402
Glendale S 404
Miller 1645
Newport 0941
Penncraft Ct 2003

See Confirmation of Mailing attached as Exhibit 3.

Properties for which Documentation of
Availability of City Water to be Provided

The parties also agreed that PLS would either provide documentation confirming the availability of City water within one year of construction or the name of the City staff person who provided the information to PLS for the following properties:

Arborview 1516
Arborview 1600
Arborview 1606
Arborview 1610
Arborview 1614
Arborview 2015
Arborview 2101
Arborview 2107
Dexter 2010
Dexter 2020
Dexter 2106
Dexter 2324

This documentation is provided as Exhibit 4. To the extent City staff provided the information verbally to PLS, the name of the staff person is listed in the Summary Spreadsheet attached as Exhibit 5. The spreadsheet also references additional documentation confirming the availability of water for several properties that PLS provided to the MDNRE in earlier reports.

Results of Final Investigation

PLS received completed survey forms from 12 of the 28 property owners surveyed. The completed surveys are attached as Exhibit 6. Based on the responses to the surveys, two out-of-use wells were identified: one at 2005 Penncraft (based on previously mailed survey) and one at 1605 Miller. PLS located these wells and properly abandoned the wells on October 22, 2009. (See Abandoned Well Plugging Records attached as Exhibit 7). Two other property owners affirmatively confirmed that their homes had been connected to City water when built. None of the other respondents had knowledge of any wells on their properties or gave PLS permission to inspect their properties.¹

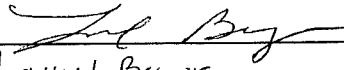
The results of these Tasks are further summarized and documented in the Summary Spreadsheet attached as Exhibit 5.

¹ PLS confirmed by email to MDEQ dated September 13, 2009 that it was not necessary to send a separate request for permission to inspect to property owners that did not respond to the initial request and survey. (Exhibit 8).

Exhibit 1

Confirmation of Mailing

On September 16, 2009, I mailed copies of the attached letter, survey, and order to the addressees set forth below, by depositing them in postpaid envelopes, in an official depository under the exclusive care and custody of the United States Postal Service, in Ann Arbor, Michigan.


Laurel Buyer

Addressees:

Name	Street Address	City, State, Zip
Resident	1500 Dexter Ave	Ann Arbor, MI 48103
Resident	2008 Dexter Ave	Ann Arbor, MI 48103
Resident	2102 Dexter Ave	Ann Arbor, MI 48103
Resident	1943 Jackson Ave	Ann Arbor, MI 48103
Resident	1120 Miller Ave	Ann Arbor, MI 48103
Resident	1128 Miller Ave	Ann Arbor, MI 48103
Resident	1146 Miller Ave	Ann Arbor, MI 48103
Resident	1541 Miller Ave	Ann Arbor, MI 48103
Resident	1553 Miller Ave	Ann Arbor, MI 48103
Resident	1575 Miller Ave	Ann Arbor, MI 48103
Resident	1593 Miller Ave	Ann Arbor, MI 48103
Resident	1605 Miller Ave	Ann Arbor, MI 48103
Resident	1629 Miller Ave	Ann Arbor, MI 48103
Resident	1685 Miller Ave	Ann Arbor, MI 48103
Resident	943 Newport Rd	Ann Arbor, MI 48103
Resident	1005 Newport Rd	Ann Arbor, MI 48103
Resident	1025 Newport Rd	Ann Arbor, MI 48103
Resident	1035 Newport Rd	Ann Arbor, MI 48103
Resident	1056 Newport Rd	Ann Arbor, MI 48103
Resident	1057 Newport Rd	Ann Arbor, MI 48103
Resident	1065 Newport Rd	Ann Arbor, MI 48103
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Resident	1125 Newport Rd	Ann Arbor, MI 48103
Resident	1135 Newport Rd	Ann Arbor, MI 48103
Resident	1144 Newport Rd	Ann Arbor, MI 48103
Resident	1145 Newport Rd	Ann Arbor, MI 48103
Resident	1000 Pine Tree Dr	Ann Arbor, MI 48103

Pall Life Sciences
600 South Wagner Road
Ann Arbor, MI 48103-9019 USA

734.665.0651 phone
734.913.6103 fax
800.456.7890 toll free
www.pall.com

September 16, 2009

Dear Resident:

I am writing you on behalf of Pall Life Sciences (formerly known as Gelman Sciences) ("PLS") to ask you to participate in a survey that PLS is undertaking in connection with its groundwater cleanup project.

As you may know, in May, 2005, the Washtenaw County Circuit Court Judge who is supervising PLS' cleanup efforts issued an order establishing an area within the City of Ann Arbor where it is illegal to withdraw or otherwise use the groundwater. A copy of that order and map is attached. Your property is located within the well "Prohibition Zone" established by the order. Like virtually all of the properties in the Prohibition Zone, your property is supplied with City water drawn from a safe source. Because the Prohibition Zone is broad enough to include a significant buffer zone, the fact that your property is located within this zone does not mean that there is contaminated groundwater under your property. It does mean that use of wells on your property to withdraw groundwater is prohibited.

The Michigan Department of Environmental Quality ("MDEQ") has asked PLS to conduct a survey of certain properties within the zone established by the court's order to identify the existence of any wells that could be used to withdraw water, whether they are in operation or not. This includes not only drinking water wells, but also wells used for irrigation, heat pumps or other purposes. The properties, like yours, that are being surveyed are those where it could not be verified that connection to the city water supply was provided when the property was originally developed. If you are unsure about whether such a well is present on your property, PLS requests the opportunity to inspect your yard to determine if an old well might still exist.

Please return the attached survey form to PLS in the self-addressed envelope provided. If you have any questions, please feel free to contact either PLS or the MDEQ:

Sybil Kolon
Michigan Department of Environmental Quality
301 E. Louis Glick Hwy.
Jackson, MI 49201
517-780-7937
kolons@michigan.gov

Farsad Fotouhi
Pall Life Sciences
600 S. Wagner Road
Ann Arbor, MI 48106

Thank you for your assistance with this important aspect of the cleanup project.

Farsad Fotouhi
VP Corporate Environmental Engineering

Encl

Well Identification Survey
(Please complete both sides)

Property Address: _____

Property Owner Name: _____

Property Occupant Name: _____

How long have you lived here? _____

If you know, when was the house/building built? _____

If you know, was house/building hooked to city water when built? _____

Do you know of others who may have more information about wells at this address or others in the area? ____ If so, list name(s) and any contact information

To the best of your knowledge, are there any water supply wells on your property that are currently used for any of the following purposes:

- ☐ Drinking Water Supply
- ☐ Irrigation
- ☐ As part of a heat pump system
- ☐ Other

If you've checked any of the above boxes, please generally describe where each such well is located on the property and the frequency each well is used.

To the best of your knowledge, are there any water supply wells on your property that are no longer in use? ____ YES ____ NO

If so, please describe generally where each such well is located, whether it is still usable, and the last time the well was used.

For each out-of-service groundwater extraction wells that is present on your property, please describe what steps, if any, were taken to abandon the well and provide copies of any documentation available, such as well abandonment logs.

STATE OF MICHIGAN
IN THE CIRCUIT COURT FOR THE COUNTY OF WASHTENAW

JENNIFER M. GRANHOLM, Attorney
General for the State of Michigan, *ex rel*,
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY,

Plaintiffs,

File No. 88-34734-CE

v

Honorable Donald E. Shelton

GELMAN SCIENCES, INC.,
a Michigan corporation,

Defendant.

ORDER PROHIBITING GROUNDWATER USE

At a session of said Court held in the City of Ann Arbor, County of
Washtenaw, Michigan, on the 17th day of May,
2005.

PRESENT: HONORABLE DONALD E. SHELTON
Circuit Court Judge

On December 17, 2004, this Court issued its Opinion and Order Regarding Remediation of the Contamination of the "Unit E" Aquifer. That Opinion and Order resolved a dispute between the Parties regarding the September 1, 2004 Decision Document issued by the Michigan Department of Environmental Quality (MDEQ) regarding remediation of the "Unit E" groundwater contamination emanating from the Pall Life Sciences (PLS) (formerly known as Gelman Sciences, Inc.) facility in Scio Township, Washtenaw County.

Among other things, this Court determined that in order to satisfy the requirements of MCL 324.20118(6)(d) and MCL 324.20120b(5) for institutional controls preventing

unacceptable exposure to 1,4-dioxane in the groundwater, it is necessary and appropriate to supplement the Washtenaw County Rules and Regulations for the Protection of Groundwater adopted February 4, 2004, with a legally enforceable order of this Court prohibiting certain groundwater uses in specifically defined areas and addressing the relevant conditions identified in the MDEQ's September 1, 2004 Decision Document.

ACCORDINGLY, pursuant to the December 17, 2004 Opinion and Order, based upon further information provided by the Parties, for the reasons stated by the Court in its May 4, 2005 ruling on Plaintiffs' Motion to Enter Order Prohibiting Groundwater Use, and in the exercise of this Court's statutory and inherent authority to enforce its orders and judgments,

IT IS HEREBY ORDERED:

1. The prohibitions imposed by this Order apply to the zone identified in the map attached hereto as Figure 1 (Prohibition Zone).
2. The installation by any person of a new water supply well in the Prohibition Zone for drinking, irrigation, commercial, or industrial use is prohibited.
3. The Washtenaw County Health Officer or any other entity authorized to issue well construction permits shall not issue a well construction permit for any well in the Prohibition Zone.
4. The consumption or use by any person of groundwater from the Prohibition Zone is prohibited.
5. The prohibitions listed in paragraphs 2, 3, and 4 do not apply to the installation and use of:

(a) groundwater extraction and monitoring wells as part of response activities approved by MDEQ or otherwise authorized under Parts 201 or 213 of NREPA, or other legal authority.

(b) dewatering wells for lawful construction or maintenance activities, provided that appropriate measures are taken to prevent unacceptable human or environmental exposures to hazardous substances and comply with MCL 324.20107a.

(c) wells supplying heat pump systems that either operate in a closed loop system, or if not, are demonstrated to operate in a manner sufficient to prevent unacceptable human or environmental exposures to hazardous substances and comply with MCL 324.20107a.

(d) emergency measures necessary to protect public health, safety, welfare or the environment.

(e) any existing water supply well that has been demonstrated, on a case-by-case basis and with the written approval of the MDEQ, to draw water from a formation that is not likely to become contaminated with 1,4-dioxane emanating from the PLS facility. Such wells shall be monitored for 1,4-dioxane by PLS at a frequency determined by the MDEQ.

6. PLS shall provide, at its expense, connection to the City of Ann Arbor municipal water supply to replace any existing private drinking water wells within the Prohibition Zone. Within thirty (30) days after entry of this Order, PLS shall submit to MDEQ for review and approval a work plan for identifying, or verifying the absence of, any private wells within the Prohibition Zone, for the abandonment of any such private wells and for replacement of private drinking water wells with connection to the municipal water supply. Well abandonment and replacement shall be performed in accordance with all applicable regulations and procedures at the expense of PLS. PLS shall implement the work plan and schedule approved by MDEQ.

7. This Order shall be published and maintained in the same manner as a zoning ordinance.

8. This Order shall remain in effect in this form until such time as it is amended or rescinded by further order of this Court, with a minimum of thirty (30) days prior notice to all Parties.

9. Either Party may move to amend the boundaries of the Prohibition Zone to reflect material changes in the boundaries or fate of the groundwater contamination plume as described by future hydrogeological investigation or MDEQ approved monitoring of the fate of the groundwater contamination.

10. In the event the boundary of the Prohibition Zone is expanded, PLS shall, within thirty (30) days after entry of such an Order, submit to the MDEQ for review and approval, a work plan for identifying, or verifying the absence of any private wells within the modified Prohibition Zone, for the abandonment of any such private wells, and for the connection to the municipal water supply to replace any drinking water wells within the modified Prohibition Zone.

11. Either Party or a local unit of government having jurisdiction within the Prohibition Zone may seek enforcement of this Order by the Court.

12. This Order shall not affect the rights, liabilities, or defenses of any party in any other legal or administrative proceeding, nor shall it constitute evidence of either the presence or absence of 1,4-dioxane at any location inside or outside the Prohibition Zone in any such proceeding.

/s/ DONALD E. SHELTON

HONORABLE DONALD E. SHELTON
Circuit Court Judge

APPROVED AS TO FORM:

Robert P. Reichel

Robert P. Reichel (P31878)
Assistant Attorney General
Attorney for Plaintiffs

Gelman/1989001467/Order3

Michael L. Caldwell by RPR

Michael L. Caldwell (P40554)
Alan D. Wasserman (P39509)
Attorneys for Defendant

*with
consent*

Gelman Sciences Inc. Prohibition Zone Boundary

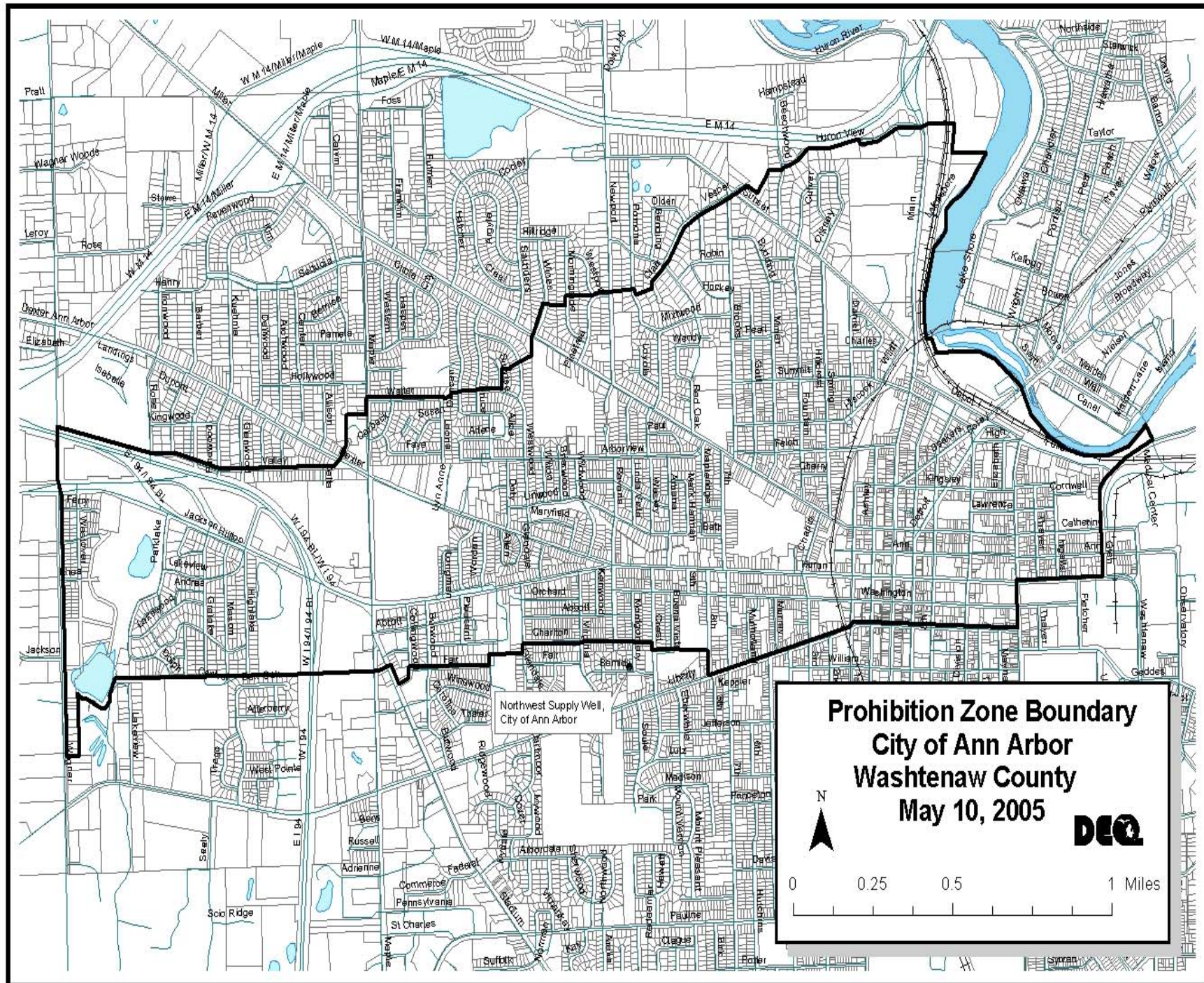
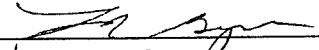


Exhibit 2

Confirmation of Mailing

On September 21, 2009, I mailed copies of the attached letter and order to the addressees set forth below, by depositing them in postpaid envelopes, in an official depository under the exclusive care and custody of the United States Postal Service, in Ann Arbor, Michigan.


Laurel Byer

Addressees:

Name	Street Address	City, State, Zip
Resident	1251 N. Main	Ann Arbor, MI 48104
Resident	1311 N. Main	Ann Arbor, MI 48104
Resident	1313 N. Main	Ann Arbor, MI 48104
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Pall Corporation
600 South Wagner Road
Ann Arbor, MI 48103-9019 USA

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734.913.6103 fax
800.456.7890 toll free
www.pall.com

September 21, 2009

Dear Resident:

I am writing to you on behalf of Pall Life Sciences (formerly known as Gelman Sciences) ("PLS") in connection with its groundwater cleanup project. As you may be aware, in May, 2005, the Washtenaw County Circuit Court Judge who is supervising PLS' cleanup efforts issued an order that established an area within the City of Ann Arbor where it is illegal to withdraw or otherwise use the groundwater. Your property is within the area where, with limited exceptions, it is illegal to use the groundwater. This should not affect you and your use of your property because, like virtually all of the properties in the Prohibition Zone, your property is supplied with City water drawn from a safe source. And because the Prohibition Zone is broad enough to include a significant buffer zone, the fact that your property is located within this zone does not mean that there is contaminated groundwater under your property. It does mean that use of wells on your property to withdraw groundwater is prohibited. This includes not only drinking water wells, but also wells used for irrigation, heat pumps or other purposes. I am enclosing for your reference a copy of the Court's order that sets out these restrictions.

Given the length of time your property has been located within the limits of the City of Ann Arbor, we believe that it is quite unlikely that any old private wells would be located on your property. If, however, you are aware of a well on your property, please contact PLS or the Michigan Department of Environmental Quality ("MDEQ"). PLS has agreed to pay to have any such wells properly abandoned.

If you have any questions, please feel free to contact either PLS or the MDEQ:

Sybil Kolon
Michigan Department of Environmental Quality
301 E. Louis Glick Hwy.
Jackson, MI 49201
517-780-7937
kolons@michigan.gov

Farsad Fotouhi
Pall Life Sciences
600 S. Wagner Road
Ann Arbor, MI 48106

Thank you for your assistance with this important aspect of the cleanup project.

Farsad Fotouhi

STATE OF MICHIGAN
IN THE CIRCUIT COURT FOR THE COUNTY OF WASHTENAW

JENNIFER M. GRANHOLM, Attorney
General for the State of Michigan, *ex rel*,
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY,

Plaintiffs,

File No. 88-34734-CE

v

Honorable Donald E. Shelton

GELMAN SCIENCES, INC.,
a Michigan corporation,

Defendant.

ORDER PROHIBITING GROUNDWATER USE

At a session of said Court held in the City of Ann Arbor, County of
Washtenaw, Michigan, on the 17th day of May,
2005.

PRESENT: HONORABLE DONALD E. SHELTON
Circuit Court Judge

On December 17, 2004, this Court issued its Opinion and Order Regarding Remediation of the Contamination of the "Unit E" Aquifer. That Opinion and Order resolved a dispute between the Parties regarding the September 1, 2004 Decision Document issued by the Michigan Department of Environmental Quality (MDEQ) regarding remediation of the "Unit E" groundwater contamination emanating from the Pall Life Sciences (PLS) (formerly known as Gelman Sciences, Inc.) facility in Scio Township, Washtenaw County.

Among other things, this Court determined that in order to satisfy the requirements of MCL 324.20118(6)(d) and MCL 324.20120b(5) for institutional controls preventing

unacceptable exposure to 1,4-dioxane in the groundwater, it is necessary and appropriate to supplement the Washtenaw County Rules and Regulations for the Protection of Groundwater adopted February 4, 2004, with a legally enforceable order of this Court prohibiting certain groundwater uses in specifically defined areas and addressing the relevant conditions identified in the MDEQ's September 1, 2004 Decision Document.

ACCORDINGLY, pursuant to the December 17, 2004 Opinion and Order, based upon further information provided by the Parties, for the reasons stated by the Court in its May 4, 2005 ruling on Plaintiffs' Motion to Enter Order Prohibiting Groundwater Use, and in the exercise of this Court's statutory and inherent authority to enforce its orders and judgments,

IT IS HEREBY ORDERED:

1. The prohibitions imposed by this Order apply to the zone identified in the map attached hereto as Figure 1 (Prohibition Zone).
2. The installation by any person of a new water supply well in the Prohibition Zone for drinking, irrigation, commercial, or industrial use is prohibited.
3. The Washtenaw County Health Officer or any other entity authorized to issue well construction permits shall not issue a well construction permit for any well in the Prohibition Zone.
4. The consumption or use by any person of groundwater from the Prohibition Zone is prohibited.
5. The prohibitions listed in paragraphs 2, 3, and 4 do not apply to the installation and use of:

(a) groundwater extraction and monitoring wells as part of response activities approved by MDEQ or otherwise authorized under Parts 201 or 213 of NREPA, or other legal authority.

(b) dewatering wells for lawful construction or maintenance activities, provided that appropriate measures are taken to prevent unacceptable human or environmental exposures to hazardous substances and comply with MCL 324.20107a.

(c) wells supplying heat pump systems that either operate in a closed loop system, or if not, are demonstrated to operate in a manner sufficient to prevent unacceptable human or environmental exposures to hazardous substances and comply with MCL 324.20107a.

(d) emergency measures necessary to protect public health, safety, welfare or the environment.

(e) any existing water supply well that has been demonstrated, on a case-by-case basis and with the written approval of the MDEQ, to draw water from a formation that is not likely to become contaminated with 1,4-dioxane emanating from the PLS facility. Such wells shall be monitored for 1,4-dioxane by PLS at a frequency determined by the MDEQ.

6. PLS shall provide, at its expense, connection to the City of Ann Arbor municipal water supply to replace any existing private drinking water wells within the Prohibition Zone. Within thirty (30) days after entry of this Order, PLS shall submit to MDEQ for review and approval a work plan for identifying, or verifying the absence of, any private wells within the Prohibition Zone, for the abandonment of any such private wells and for replacement of private drinking water wells with connection to the municipal water supply. Well abandonment and replacement shall be performed in accordance with all applicable regulations and procedures at the expense of PLS. PLS shall implement the work plan and schedule approved by MDEQ.

7. This Order shall be published and maintained in the same manner as a zoning ordinance.

8. This Order shall remain in effect in this form until such time as it is amended or rescinded by further order of this Court, with a minimum of thirty (30) days prior notice to all Parties.

9. Either Party may move to amend the boundaries of the Prohibition Zone to reflect material changes in the boundaries or fate of the groundwater contamination plume as described by future hydrogeological investigation or MDEQ approved monitoring of the fate of the groundwater contamination.

10. In the event the boundary of the Prohibition Zone is expanded, PLS shall, within thirty (30) days after entry of such an Order, submit to the MDEQ for review and approval, a work plan for identifying, or verifying the absence of any private wells within the modified Prohibition Zone, for the abandonment of any such private wells, and for the connection to the municipal water supply to replace any drinking water wells within the modified Prohibition Zone.

11. Either Party or a local unit of government having jurisdiction within the Prohibition Zone may seek enforcement of this Order by the Court.

12. This Order shall not affect the rights, liabilities, or defenses of any party in any other legal or administrative proceeding, nor shall it constitute evidence of either the presence or absence of 1,4-dioxane at any location inside or outside the Prohibition Zone in any such proceeding.

/s/DONALD E. SHELTON

HONORABLE DONALD E. SHELTON
Circuit Court Judge

APPROVED AS TO FORM:

Robert P. Reichel

Robert P. Reichel (P31878)
Assistant Attorney General
Attorney for Plaintiffs

Michael L. Caldwell by RPR

Michael L. Caldwell (P40554)
Alan D. Wasserman (P39509)
Attorneys for Defendant

*with
consent*

Gelman/1989001467/Order3

Gelman Sciences Inc. Prohibition Zone Boundary

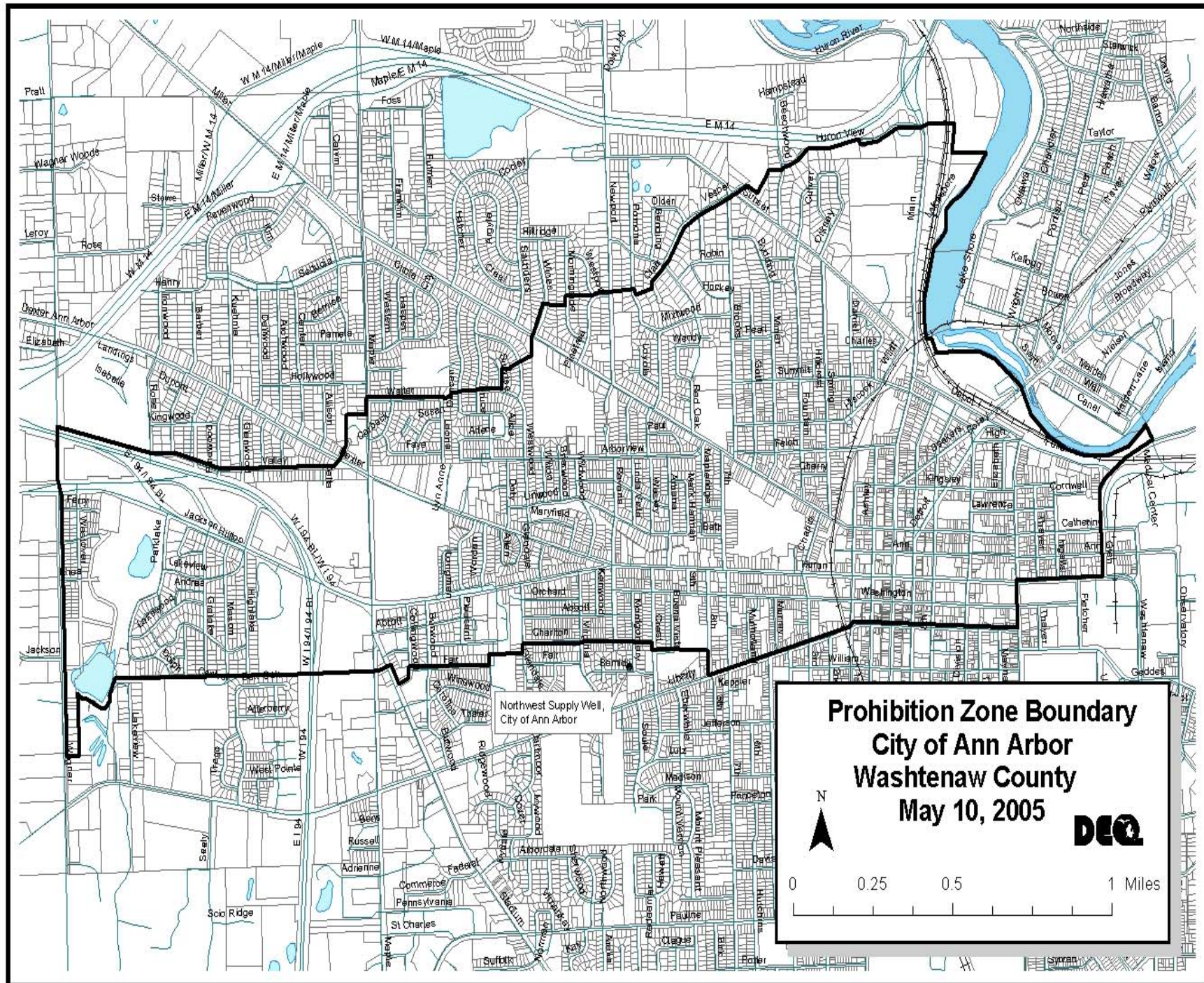
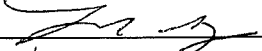


Exhibit 3

Confirmation of Mailing

On September 21, 2009, I mailed copies of the attached letter and order to the addressees set forth below, by depositing them in postpaid envelopes, in an official depository under the exclusive care and custody of the United States Postal Service, in Ann Arbor, Michigan.


Laurel Blyer

Addressees:

Name	Street Address	City, State, Zip
Resident	1522 Arborview Blvd	Ann Arbor, MI 48103
Resident	2200 Dexter Ave	Ann Arbor, MI 48103
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734.665.0651 phone
734.913.6103 fax
800.456.7890 toll free
www.pall.com

September 21, 2009

Dear Resident:

I am writing to you on behalf of Pall Life Sciences (formerly known as Gelman Sciences) ("PLS") to follow up on the survey that PLS sent to you a few years ago in connection with its groundwater cleanup project. PLS sent the survey to determine if you knew whether there might be an old well on your property. PLS sought this information as part of its efforts to implement the cleanup plan established by the Washtenaw County Circuit Court Judge who is supervising PLS' cleanup efforts. As part of that plan, the Court issued an order establishing an area within the City of Ann Arbor where it is illegal to withdraw or otherwise use the groundwater. We sent you the earlier survey because your property is located within the "Prohibition Zone" established by the order.

Like virtually all of the properties in the Prohibition Zone, your property is supplied with City water drawn from a safe source. Because the Prohibition Zone is broad enough to include a significant buffer zone, the fact that your property is located within this zone does not mean that there is contaminated groundwater under your property. It does mean that use of wells on your property to withdraw groundwater is prohibited. This includes not only drinking water wells, but also wells used for irrigation, heat pumps or other purposes. So if you are aware of a well on your property, please contact PLS or the Michigan Department of Environmental Quality ("MDEQ"). PLS has agreed to pay to have any such wells properly abandoned.

When we sent you the earlier survey, we had intended to provide you a copy of the Court's order establishing the Prohibition Zone for your reference. PLS' records do not clearly indicate whether we provided you with the order, so we are providing another copy of it to you with this letter.

If you have any questions, please feel free to contact either PLS or the MDEQ:

Sybil Kolon
Michigan Department of Environmental Quality
301 E. Louis Glick Hwy.
Jackson, MI 49201
517-780-7937
kolons@michigan.gov

Farsad Fotouhi
Pall Life Sciences
600 S. Wagner Road
Ann Arbor, MI 48106

Thank you again for your assistance with this important aspect of the cleanup project.

Farsad Fotouhi

STATE OF MICHIGAN
IN THE CIRCUIT COURT FOR THE COUNTY OF WASHTENAW

JENNIFER M. GRANHOLM, Attorney
General for the State of Michigan, *ex rel*,
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY,

Plaintiffs,

File No. 88-34734-CE

v

Honorable Donald E. Shelton

GELMAN SCIENCES, INC.,
a Michigan corporation,

Defendant.

ORDER PROHIBITING GROUNDWATER USE

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IT IS HEREBY ORDERED:

1. The prohibitions imposed by this Order apply to the zone identified in the map attached hereto as Figure 1 (Prohibition Zone).
2. The installation by any person of a new water supply well in the Prohibition Zone for drinking, irrigation, commercial, or industrial use is prohibited.
3. The Washtenaw County Health Officer or any other entity authorized to issue well construction permits shall not issue a well construction permit for any well in the Prohibition Zone.
4. The consumption or use by any person of groundwater from the Prohibition Zone is prohibited.
5. The prohibitions listed in paragraphs 2, 3, and 4 do not apply to the installation and use of:

(a) groundwater extraction and monitoring wells as part of response activities approved by MDEQ or otherwise authorized under Parts 201 or 213 of NREPA, or other legal authority.

(b) dewatering wells for lawful construction or maintenance activities, provided that appropriate measures are taken to prevent unacceptable human or environmental exposures to hazardous substances and comply with MCL 324.20107a.

(c) wells supplying heat pump systems that either operate in a closed loop system, or if not, are demonstrated to operate in a manner sufficient to prevent unacceptable human or environmental exposures to hazardous substances and comply with MCL 324.20107a.

(d) emergency measures necessary to protect public health, safety, welfare or the environment.

(e) any existing water supply well that has been demonstrated, on a case-by-case basis and with the written approval of the MDEQ, to draw water from a formation that is not likely to become contaminated with 1,4-dioxane emanating from the PLS facility. Such wells shall be monitored for 1,4-dioxane by PLS at a frequency determined by the MDEQ.

6. PLS shall provide, at its expense, connection to the City of Ann Arbor municipal water supply to replace any existing private drinking water wells within the Prohibition Zone. Within thirty (30) days after entry of this Order, PLS shall submit to MDEQ for review and approval a work plan for identifying, or verifying the absence of, any private wells within the Prohibition Zone, for the abandonment of any such private wells and for replacement of private drinking water wells with connection to the municipal water supply. Well abandonment and replacement shall be performed in accordance with all applicable regulations and procedures at the expense of PLS. PLS shall implement the work plan and schedule approved by MDEQ.

7. This Order shall be published and maintained in the same manner as a zoning ordinance.

8. This Order shall remain in effect in this form until such time as it is amended or rescinded by further order of this Court, with a minimum of thirty (30) days prior notice to all Parties.

9. Either Party may move to amend the boundaries of the Prohibition Zone to reflect material changes in the boundaries or fate of the groundwater contamination plume as described by future hydrogeological investigation or MDEQ approved monitoring of the fate of the groundwater contamination.

10. In the event the boundary of the Prohibition Zone is expanded, PLS shall, within thirty (30) days after entry of such an Order, submit to the MDEQ for review and approval, a work plan for identifying, or verifying the absence of any private wells within the modified Prohibition Zone, for the abandonment of any such private wells, and for the connection to the municipal water supply to replace any drinking water wells within the modified Prohibition Zone.

11. Either Party or a local unit of government having jurisdiction within the Prohibition Zone may seek enforcement of this Order by the Court.

12. This Order shall not affect the rights, liabilities, or defenses of any party in any other legal or administrative proceeding, nor shall it constitute evidence of either the presence or absence of 1,4-dioxane at any location inside or outside the Prohibition Zone in any such proceeding.

/s/DONALD E. SHELTON

HONORABLE DONALD E. SHELTON
Circuit Court Judge

APPROVED AS TO FORM:

Robert P. Reichel

Robert P. Reichel (P31878)
Assistant Attorney General
Attorney for Plaintiffs

Michael L. Caldwell by RPR

Michael L. Caldwell (P40554)
Alan D. Wasserman (P39509)
Attorneys for Defendant

*with
consent*

Gelman/1989001467/Order3

Gelman Sciences Inc. Prohibition Zone Boundary

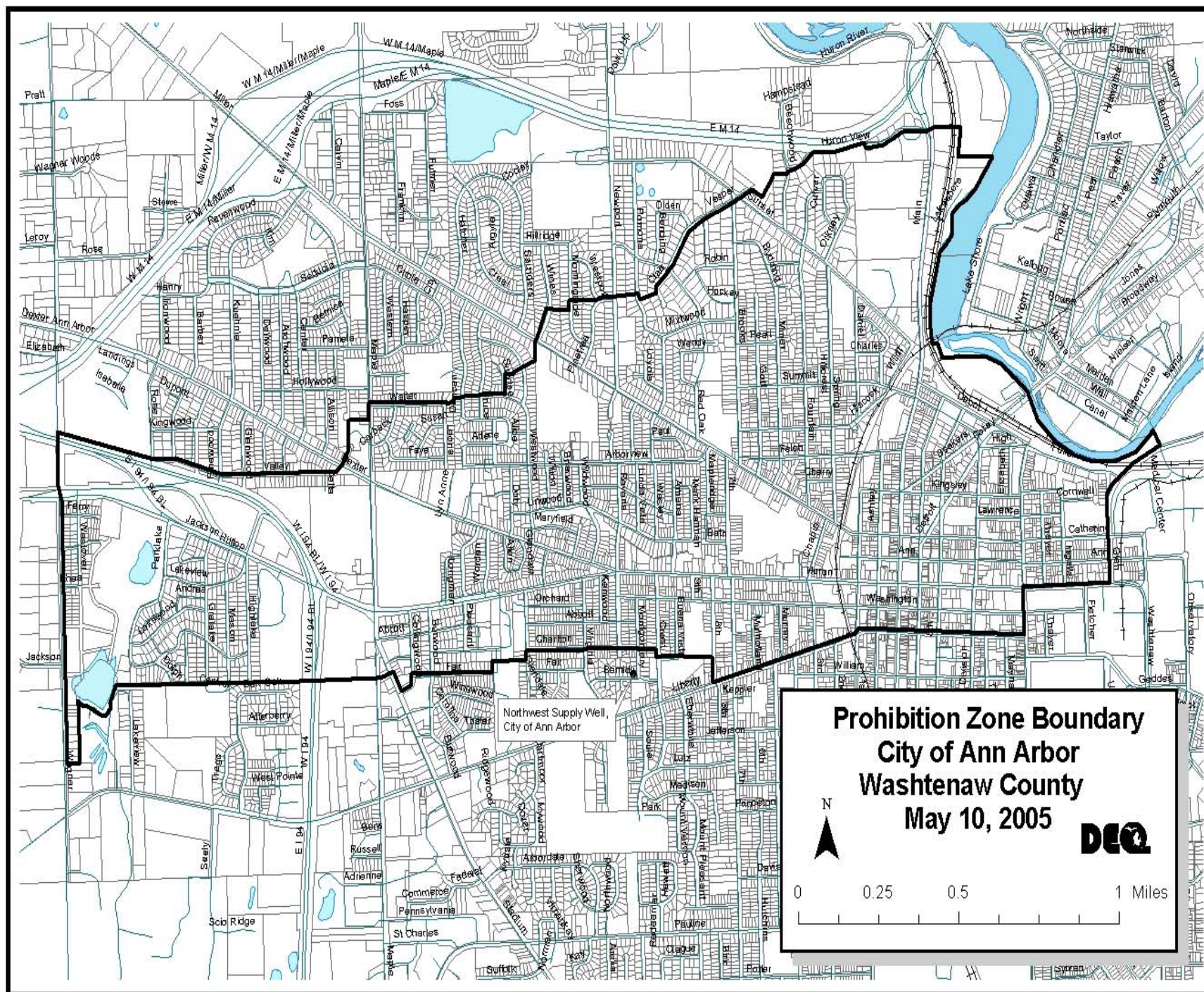


Exhibit 4



"Pearson, Jean"
<JPearson@a2gov.org>
07/30/2009 03:11 PM

To: Laurel Beyer/AnnArbor/Pall@Pall
cc
bcc
Subject: RE: Water Dates

Here ya go!

-----Original Message-----

From: Laurel_Beyer@pall.com [mailto:Laurel_Beyer@pall.com]
Sent: Thursday, July 30, 2009 6:58 AM
To: Pearson, Jean
Subject: RE: Water Dates

Hi Jean:

I'm sorry to be such a pest. Could I have a few more dates of "first billed for water"? I hope this will be it for awhile. Is the Excel sheet easier for you to work with?

(See attached file: Water info request 07-30-09.xls)

Thanks!

Laurel Beyer
EHS Specialist
Pall Corporation
600 S. Wagner Road, Bldg 4
Ann Arbor, MI 48103
734-913-6536
734-913-6103 fax

Attention:

This communication may contain information that is confidential, privileged and/or exempt from disclosure under applicable law. If you are not the intended recipient, please notify the sender immediately and delete the original, all attachments, and all copies of this communication.



Water info request 07-30-09jp.xls

Address	Parcel ID	First billed for City water
Arborview Blvd 1522	09-09-19-415-037	1/1/1978
Arborview Blvd 1600	09-09-19-415-027	1/1/1984
Arborview Blvd 1606	09-09-19-415-026	1/10/1981
Arborview Blvd 1610	09-09-19-415-025	1/1/1985
Arborview Blvd 1614	09-09-19-415-024	1/7/1984
Arborview Blvd 2015	09-09-30-226-016	1/10/1977
Arborview Blvd 2101	09-09-30-226-030	1/10/1982
Arborview Blvd 2107	09-09-30-226-020	1/2/1993
Westover 60	09-08-25-221-004	9/22/2005
Westover 75	09-08-25-200-028	5/14/2005
Westover 160	09-08-25-216-011	7/15/2006

Address	Parcel ID	When Annexed?
Arborview 1516	09-09-19-415-033	1968
Dexter 1500	09-09-30-121-027	1964 & split 1998
Dexter 1610	09-09-30-120-019	1964
Dexter 1614	09-09-30-120-018	1964
Dexter 2010	09-09-30-226-001	*no card - before 1944
Dexter 2102	09-09-30-226-027	1971
Dexter 2200	I-09-30-250-005 (Ann Arbor Twp)	n/a
Dexter 2310	09-09-30-227-033	2002
Dexter 2324	09-09-30-227-035	2002
Dexter 2380 (actually 512 N. Maple Rd)	09-09-30-227-001	1964
Ferry 3445 (actually 3365 Jackson)	09-08-25-220-012	2000
Glendale 312	09-09-30-204-021	1989
Jackson 1743	09-09-30-116-021	1964
Jackson 1903	09-09-30-204-017	1964
Jackson 1921	09-09-30-204-003	1964
Jackson 3395	09-08-25-200-015	*no card - 1987
Miller 1521	09-09-19-414-045	2003
Miller 1541	09-09-19-414-043	1964
Miller 1553	09-09-19-415-028	1982
Miller 1575	09-09-19-415-022	1979
Miller 1593	09-09-19-415-021	1970
Miller 1605	09-09-19-415-029	1983
Miller 1629	09-09-19-415-034	1987
Miller 1645	09-09-19-415-038	*no card - 2006
Newport 941	09-09-19-404-020	1964
Pine Ridge 211	09-09-30-119-020	1963
Pine Ridge 215	09-09-30-119-021	1964
Pine Ridge 311	09-09-30-120-007	1964
Porter 3404	09-08-25-220-003	1988
Porter 3415	09-08-25-219-012	split - annexed 2001
Rhea 281	09-08-25-218-017	1988
Valley 2605	09-08-24-417-007	1969
Valley 2615	09-08-24-417-010	*no card - 2007
Valley 2631	09-08-24-417-008	1969
Valley 2645	09-08-24-417-001	1967
Valley 2661	09-08-24-417-009	1969
Valley 2721	09-08-24-419-001	1969
Valley 2825	09-08-24-423-002	1981
Wagner S 249	09-08-25-217-012	1987
Wagner S 267	09-08-25-217-001	1988
Wagner S 359	09-08-25-218-003	1988
Westover 211	09-08-25-219-006	1988

Annexation dates researched at City Assessor's office 09/08/08 by Laurel Beyer
 *dates stating "no card" were looked up on the computer by City staff



"Kallas, Chris"
<CKallas@a2gov.org>

09/08/2008 11:47 AM

To Laurel Beyer/AnnArbor/Pall@Pall

cc

bcc

Subject Annexation information

3395 Jackson

Laurel,

Parcel #09-08-25-200-015 was annexed to the City in 1987. We weren't able to find specific annexation info on Parcel #09-09-30-226-001, but we do know it's been in the City since as far back as 1944. Hope this helps.

Chris

Ann Arbor City Assessor's Office
994-2663 or 994-1794

2010 Dexter

Assessors office 9/10/08

Address	Parcel ID	Current Owner	Annexed	Tap Date
Valley 2667	09-08-24-417-002	Curtis N. Lee & Angela K. Guy-Lee	1968	8/5/1968
Valley 2675	09-08-24-417-003	Christy Rishoi & Larry R. Juchartz	1968	8/6/1968
Valley 2681	09-08-24-417-004	Charlene Davies	1968	8/6/1968
Valley 2689	09-08-24-417-005	Betsey K. Murray	1968	8/7/1968
Valley 2695	09-08-24-417-006	Patricia A. Smith Trust	1968	8/7/1968
Valley 2731	09-08-24-419-002	Richard & C. Stoll	1970	9/11/1970
Valley 2741	09-08-24-419-003	Asim Khan	1979	5/31/1978
Valley 2835	09-08-24-423-001	David C. Conlon Trust & Margaret Rose Conlon Trust	1980	5/13/1980
Valley 2949	09-08-24-424-002	Lora J. Lopez	2002	nothing
Wagner S 137	09-08-25-216-014	Mark Amezcua	2003	11/1/2002
Wagner S 215	09-08-25-217-009	Jason N. Lawrence	2001	3/12/1997
Newport 1005	09-09-19-404-022	Sally & Randolph & Thomas Rudisill	at least 1951	5/29/1935
Newport 1015				

Same card
e
assessors
office

assess
but not
a 1968 year



"Pearson, Jean"
<JPearson@a2gov.org>

09/09/2008 02:38 PM

To Laurel Beyer/AnnArbor/Pall@Pall

cc

bcc

Subject RE: Water Dates

Laurel - I did some checking and I found out that 1541 Miller is listed as 1547 Miller in our database and the names on the account match what you gave me. So we have that address as getting service as of 1/1/1993. As far as any other place to look for the date of service, there really isn't. Everything is in Cogsdale. I can tell you when they tapped but that doesn't make them active and receiving water. I am sorry my friend that I can't help you. I did check w/Bev (she handles the annexations) but she doesn't have any more info.

Let me know if there is anything else that I can do.

-Jean

-----Original Message-----

From: Laurel_Beyer@pall.com [mailto:Laurel_Beyer@pall.com]

Sent: Monday, September 08, 2008 3:11 PM

To: Pearson, Jean

Subject: RE: Water Dates

Hi Jean: Mystery solved on 1015 Newport. There used to be two houses on this parcel, so never mind on that one.

How far back does the database go that you checked for the addresses? Are there old card records previous to this that I could somehow check for three addresses? The annexation dates and first billed dates don't seem to coincide for these three addresses:

1521 Miller
1541 Miller (no water date noted)
1553 Miller

Thanks!

Laurel Beyer
HSE Specialist
Pall Corporation
600 S. Wagner Road, Bldg 4
Ann Arbor, MI 48103
734-913-6536
734-913-6103 fax

"Pearson, Jean"

Table 1 - Residential Well Identification Status in Prohibition Zone

Page 1 of 1

Address	Parcel ID	First Billed for Water	Current Owner
Arborview 1516	09-09-19-415-033	1/3/1967	Ruth V. Hartman
Dexter 1500	09-09-30-121-027	1/7/1978	Lori Hale
Dexter 1610	09-09-30-120-019	<i>error map</i>	Richard Yarmain Trustee
Dexter 1614	09-09-30-120-018	1/8/2005	Sarah L. Lampton
Dexter 2010	09-09-30-226-001	5/8/1999	Sonia Duffy
Dexter 2102	09-09-30-226-027	1/7/1996	Edwin & V. Birkle
Dexter 2200	1-09-30-250-005 (A2 Twp)	1/1/1998	William & Christina Levleit
Dexter 2310	09-09-30-227-033	8/20/2001	Raymond Knight Jr. Family
Dexter 2324	09-09-30-227-035	1/4/1979	Raymond Knight Jr. Family
Dexter 2380 (actually 512 N. Maple Rd)	09-09-30-227-001	1/9/1988	Chelsea Land Company Maple LLC (Rene Papo)
Glendale 312	09-09-30-204-021	6/25/2003	Jeffrey S. Starnan
Jackson 1743	09-09-30-116-021	1/1/1982	William Morgan
Jackson 1903	09-09-30-204-017	1/5/1992	Joseph Gebott & G. Dongvillo
Jackson 1921	09-09-30-204-003	1/10/1996	Douglas Hastings
Miller 1521	09-09-19-414-045	1/4/1998	Patricia Materka
Miller 1541	09-09-19-414-043	NO WATER	Fedele & L. Grammatico
Miller 1553	09-09-19-415-028	10/7/2005	David & Natalie Fulkerson
Miller 1575	09-09-19-415-022	1/9/1993	Crisca Bierwert
Miller 1593	09-09-19-415-021	1/4/1978	Gerald Nicks
Miller 1605	09-09-19-415-029	1/1/1979	Laura Dunbar
Miller 1629	09-09-19-415-034	1/7/1986	Katherine M. Babiak
Miller 1645	09-09-19-415-038	1/10/1979	Ellen J. Quart
Newport 941	09-09-19-404-020	10/3/2005	Cedric A. & Moragan H. Richner
Newport 1015			
Pine Ridge 211	09-09-30-119-020	1/9/1996	Cristin & Myron Grant
Pine Ridge 215	09-09-30-119-021	1/11/1985	Gene & P. Thomas
Pine Ridge 311	09-09-30-120-007	1/8/1992	Robert Stevenson
Valley 2605	09-08-24-417-007	8/13/2002	Amy Milligan & Kathleen Beauchamp
Valley 2615	09-08-24-417-010	1/7/1970	Milledge & Phyllis Bullard
Valley 2631	09-08-24-417-008	1/1/1968	Annabelle Ehnle
Valley 2645	09-08-24-417-001	1/12/1990	Mary Ann Winkle
Valley 2661	09-08-24-417-009	1/3/1969	Cliff Chienping Ku & Diane Sheldon-Ku
Valley 2721	09-08-24-419-001	10/11/2000	Karen Zorn
Valley 2825	09-08-24-423-002	1/12/1978	Annabella Clark & Carolyn A. Cruz & Margaret Rose Conlon

From City - Jean Pearson

Exhibit 5

Address	date built	Well History and Status/PLS Comments	Action to be Taken	Final Resolution	Survey Response?	Knowledge of Well?	Permission to Inspect?	Inspection Results
Arborview 1516	1967	not surveyed, not in subdivision; annexed to city and billed for water within one year of construction per PLS	provide source of documentation to DEQ	1968 annexation verified at City Assessor's office by PLS staff 9/8/08; first billed for water 1/03/67 per City 09-05-08 (Jean Pearson)	N/A	N/A	N/A	N/A
Arborview 1522	1935	survey response - owner of 28 years says hooked up when built; no knowledge of wells, not in subdivision; in city limits when built, tap available within one year of construction per PLS; built before hook up required	confirm order provided or provide notice	Order mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
Arborview 1600	1953	not surveyed, not in subdivision; in city limits when built, tap available within one year of construction per PLS	provide source of documentation to DEQ	Date tap available provided to counsel for PLS by City (Linda Rathburn)	N/A	N/A	N/A	N/A
Arborview 1606	1981	not surveyed, not in subdivision; in city limits when built, tap available within one year of construction per PLS	provide source of documentation to DEQ	Property first billed for water 1/10/81 per City 07-30-09 (Jean Pearson)	N/A	N/A	N/A	N/A
Arborview 1610	1984	not surveyed, not in subdivision; in city limits when built, tap available within one year of construction per PLS	provide source of documentation to DEQ	Property first billed for water 1/1/85 per City 07-30-09 (Jean Pearson)	N/A	N/A	N/A	N/A
Arborview 1614	1984	not surveyed, not in subdivision; in city limits when built, tap available within one year of construction per PLS	provide source of documentation to DEQ	Property first billed for water 1/7/84 per City 07-30-09 (Jean Pearson)	N/A	N/A	N/A	N/A
Arborview 2015	1956	not surveyed, not in subdivision; in city limits when built, tap available within one year of construction per PLS	provide source of documentation to DEQ	Per PLS' 5/19/06 report, tap date was 1955, built in 1956	N/A	N/A	N/A	N/A
Arborview 2101	1953	In city limits when built, tap available within one year of construction per PLS	provide source of documentation to DEQ	3/6/52 tap-in date provided to DEQ via ltr from City (attachment to PLS 9/15/06 report)	N/A	N/A	N/A	N/A
Arborview 2107	1992	not surveyed, not in subdivision; in city limits when built, tap available within one year of construction per PLS	provide source of documentation to DEQ	Property first billed for water 1/2/93 per City 07-30-09 (Jean Pearson)	N/A	N/A	N/A	N/A
Dexter 1500	1901	not surveyed, not in subdivision; built before hook-up available or required. Tap available 1915; annexed to city in 1964, would have been required to hook up at that time per PLS	survey unless PLS can document that water available & required (built before 1945)	Survey mailed 9/16/09	Yes	No	No	N/A
Dexter 2008	1935	not surveyed, not in subdivision, built before hook-up required; in city limits when built per PLS	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	Yes	No	No	N/A
Dexter 2010	1954	not surveyed, not in subdivision; in city limits when built, property annexed to city prior to 1944, would have been required to hook up to city water when built	provide source of documentation to DEQ	"before 1944" annexation verified at City Assessor's office by PLS staff 9/8/08.	N/A	N/A	N/A	N/A
Dexter 2020	1946	not surveyed, not in subdivision; in city limits when built, tap available within one year of construction per PLS	provide source of documentation to DEQ	4/8/47 tap-in date provided to DEQ via ltr from City (attachment to PLS 9/15/06 report)	N/A	N/A	N/A	N/A

Address	date built	Well History and Status/PLS Comments	Action to be Taken	Final Resolution	Survey Response?	Knowledge of Well?	Permission to Inspect?	Inspection Results
Dexter 2102	1901	not surveyed, not in subdivision, built before hook-up available or required. Based on hard record review, tap available 70 years ago; annexed to city in 1971, would have been required to hook up at that time at the latest per PLS	survey unless PLS can document that water available & required (built before 1945)	Survey mailed 9/16/09	No	N/A	No	N/A
Dexter 2106	1937	not in subdivision; A2 twp island, not required to hook up when built, on city water; from hard record review: property hooked up within one year of construction per PLS; survey left 9/12/08	provide source of documentation to DEQ	1926 tap-in date provided to DEQ via ltr from City (attachment to PLS 9/15/06 report)	N/A	N/A	N/A	N/A
Dexter 2200	1950	not in subdivision; A2 twp island, on city water. Surveyed - owner of 15+ yrs unaware of any wells	confirm order provided or provide notice	1926 tap-in date provided to DEQ via ltr from City (attachment to PLS 9/15/06 report); Order mailed 9/21/09	N/A	N/A	N/A	N/A
Dexter 2324	1979	restaurant; tap available and first billed for city water within one year of construction per PLS	provide source of documentation to DEQ	2002 annexation verified at City Assessor's office by PLS staff 9/8/08; first billed for water 01/04/79 per City 09/05/08 (Jean Pearson)	N/A	N/A	N/A	N/A
Glendale S 312	1920 & 1950	not in subdivision; 2 residences on parcel, older one built before hook-up required; surveyed 9/12/08 - tenant of 5 yrs had no knowledge of wells. PLS staff inspected property - no wells found	confirm order provided or provide notice	Order mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
Glendale S 402	1953	not in subdivision; surveyed 9/12/08 - owner since 1985 says house built approx. 1950, hooked up when built; no knowledge of wells	confirm order provided or provide notice	3/22/52 tap-in date provided to DEQ via ltr from City (attachment to PLS 9/15/06 report); Order mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
Glendale S 404	1950	not in subdivision; surveyed - owner since 1966 says hooked up when built, no knowledge of wells	confirm order provided or provide notice	7/2/51 tap-in date provided to DEQ via ltr from City (attachment to PLS 9/15/06 report); Order mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
Jackson 1943	1920	PLS agreed to survey	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	Yes	No	No	N/A
Miller 1120	1900		Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	Yes	No	No	N/A
Miller 1128	1901 & ?		Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	Yes	No	No	N/A
Miller 1146	1952		Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	Yes	No	No	N/A
Miller 1541	1901 & 1959	not surveyed, not in subdivision; two residences on parcel. Tap available when annexed in 1964, would have been required to hook up at that time per PLS; city water not available when built	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	Yes	No	No	N/A
Miller 1553	1915	not surveyed, not in subdivision. Tap available when annexed in 1982, would have been required to hook up at that time per PLS; city water not available when built	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A

Address	date built	Well History and Status/PLS Comments	Action to be Taken	Final Resolution	Survey Response?	Knowledge of Well?	Permission to Inspect?	Inspection Results
Miller 1575	1930	not surveyed, not in subdivision. Tap available when annexed in 1979, would have been required to hook up at that time per PLS; city water not available when built	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A
Miller 1593	1970 (corrected date, previously 1930)	not surveyed, not in subdivision. Tap available when annexed in 1970, would have been required to hook up at that time per PLS; city water not available when built	Survey/Inspect if allowed/necessary (based on erroneous construction date)	1970 annexation verified at City Assessor's office by PLS staff 9/8/08; first billed for water 1/04/70 per City 09-05-08 (Jean Pearson) Survey also mailed to owner on 9/16/09	No	N/A	No	N/A
Miller 1605	1901	not surveyed, not in subdivision. Tap available when annexed in 1983, would have been required to hook up at that time per PLS; city water not available when built	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09; Well located and plugged 10/22/09	Yes	Yes	Yes	Well located
Miller 1629	1901	not surveyed, not in subdivision. Tap available when annexed in 1987, would have been required to hook up at that time per PLS; city water not available when built	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A
Miller 1645	1950	not in subdivision. Not annexed until 2006, but has been on city water at least since 1979 per PLS; survey not returned as of 2/23/07	confirm order provided or provide notice	Order mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
Miller 1685	1970		Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A
N Main 1251	1925-Res 1999-Ind	w/i original water dist system, hookup req'd	Provide Notice Letter	Notice mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
N Main 1311	1940	w/i original water dist system, hookup req'd	Provide Notice Letter	Notice mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
N Main 1313	1930	w/i original water dist system, hookup req'd	Provide Notice Letter	Notice mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
N Main 1315	1940	w/i original water dist system, hookup req'd	Provide Notice Letter	Notice mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
N Main 1319	1940	w/i original water dist system, hookup req'd	Provide Notice Letter	Notice mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
Newport 0941	1901	survey not returned, not in subdivision. Old home, not annexed until 1964, no tap available until 1985, and not billed until 2005. Probably used a well within last 20 years per PLS. Survey left at home 9/15/08	confirm order provided or provide notice	Notice mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
Newport 0943		PLS confirmed that older house (~1920) located on this property 9/10/09: agreed to survey	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09;	No	N/A	No	N/A
Newport 1005	1932	not surveyed; not in subdivision; tap date 5/29/35; hooked up within one year of construction per PLS [does not correspond to date built & tap date]	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A
Newport 1015	1936	not previously surveyed. No longer exists - part of 1005 Newport per PLS	provide notice to owner along with survey for 1005 Newport	Survey mailed to owner (now part of 1005 Newport) on 9/16/09	No	N/A	No	N/A

Address	date built	Well History and Status/PLS Comments	Action to be Taken	Final Resolution	Survey Response?	Knowledge of Well?	Permission to Inspect?	Inspection Results
Newport 1025			Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A
Newport 1035			Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A
Newport Rd 1056	1941	see PLS 9/15/06 Well ID report - pg 3	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	Yes	No	No	N/A
Newport Rd 1057	1948	see PLS 9/15/06 Well ID report - pg 3	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A
Newport Rd 1065	1956	see PLS 9/15/06 Well ID report - pg 3	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A
Newport Rd 1075	1956	see PLS 9/15/06 Well ID report - pg 3	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A
Newport Rd 1125	1952	see PLS 9/15/06 Well ID report - pg 3	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	Yes	Owner confirmed that connected to City water when built	N/A	N/A
Newport Rd 1135	1952	see PLS 9/15/06 Well ID report - pg 3	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	Yes	Owner confirmed that connected to City water when built	N/A	N/A
Newport Rd 1144	1947	see PLS 9/15/06 Well ID report - pg 3	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	Yes	No	No	N/A
Newport Rd 1145	1954	see PLS 9/15/06 Well ID report - pg 3	Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A
Penncraft Ct 2003	1941	not in subdivision, city water not available when built; no survey response from this address; was there a separate well? (owner at 2005 Penncraft had a separate well)	confirm order provided or provide notice	Order mailed to owner on 9/21/09	N/A	N/A	N/A	N/A
Penncraft Ct 2005	1953	not in subdivision, city water not available when built; survey response mailed in by owner of 11 years, reports there is an unused well in front of the house (in addition to community well)	Request access and inspect	Well found and plugged 10/22/09	N/A	N/A	N/A	N/A
Pine Tree Dr 1000	1954		Survey/Inspect if allowed/necessary	Survey mailed to owner on 9/16/09	No	N/A	No	N/A

Exhibit 7



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER & RADIOLOGICAL PROTECTION DIVISION

ABANDONED WELL PLUGGING RECORD

Completion is required under authority of Part 127 Act 368 PA 1978
Failure to comply is a misdemeanor

TAX NO:		PERMIT NO:	
1. LOCATION OF WELL		12. OWNER OF WELL	
County <u>Washtenaw</u>	Township Name <u>Ann Arbor</u>	Fraction <u>10 1/4 22 1/4 9 1/4</u>	Section No. <u>19</u>
Distance and Direction from Road Intersection <u>500 ft West of Doty & Penncraft</u>		Town No. <u>2 N 0 1 0</u>	Range No. <u>10 E W</u>
Street Address & City of Well Location <u>2005 Penncraft</u>		Address <u>Ann Ogren</u> <u>2005 Penncraft</u> <u>Ann Arbor, MI 48103</u>	
2. WELL DEPTH: <u>87</u> ft.		13. DROP PIPE/PUMPING EQUIPMENT REMOVED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain in COMMENTS)	
3. Date Plugging Completed <u>10/22/09</u>		14. PLUGGING MATERIAL:	
4. USE: <input checked="" type="checkbox"/> Single Family <input type="checkbox"/> Type I Public <input type="checkbox"/> Heat Pump <input type="checkbox"/> Irrigation <input type="checkbox"/> Type II Public <input type="checkbox"/> <input type="checkbox"/> Test Well <input checked="" type="checkbox"/> Type III Public		Bentonite Chips from <u>0</u> ft. to <u>87</u> ft. <u>10 1/2</u> 50# bags Bentonite Pellets from _____ ft. to _____ ft. _____ 50# bags Bentonite Grout from _____ ft. to _____ ft. _____ 50# bags Neat Cement from _____ ft. to _____ ft. _____ 94# bags Cement Grout from _____ ft. to _____ ft. _____ 94# bags Other _____	
5. REASON FOR ABANDONING WELL <input type="checkbox"/> New Well Drilled <input checked="" type="checkbox"/> Municipal Water Hookup <input type="checkbox"/> Unrepairable <input type="checkbox"/> Other _____		15. LOST CIRCULATION ZONE MATERIALS USED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type _____ Quantity _____ Placed from _____ ft. to _____ ft.	
6. CASING: <u>4</u> in. dia. to <u>87</u> ft. depth. _____ in. dia. to _____ ft. depth		16. PLUGGING SKETCH (Complete if combination of materials was used.) Show type of plugging materials and interval plugged.	
7. CASING MATERIAL <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other _____ <input type="checkbox"/> Plastic		MATERIAL _____ FEET BELOW GRADE	
8. CASING STATUS AFTER PLUGGING <input checked="" type="checkbox"/> Buried <u>4</u> ft. below grade <input type="checkbox"/> Removed <input type="checkbox"/> Above Grade _____ in.			
9. FLOWING WELL: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
10. SITE SKETCH: Show location of plugged well(s) relative to buildings, drives, roads, and other structures or landmarks on site. Include a North arrow.			
11. COMMENTS <u>N 42.35928</u> <u>W 083.38335</u>			
NOTE: Plugging from well bottom up to ground surface is required.			

IMPORTANT: File with deed.

WELL OWNER COPY

EQP 2044 (03/1999)

17. WATER WELL CONTRACTOR'S CERTIFICATION:

This well was plugged under my jurisdiction and this report is true to the best of my knowledge and belief.

REGISTERED BUSINESS NAME
Keller Well Drilling
Address
5615 Chilson Rd Howell, MI 48843
Signed
Don Kell Date
10-23-09



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER & RADIOLOGICAL PROTECTION DIVISION

ABANDONED WELL PLUGGING RECORD

Completion is required under authority of Part 127 Act 368 PA 1978
Failure to comply is a misdemeanor

PERMIT NO:

TAX NO:

1. LOCATION OF WELL

County

Washtenaw

Township Name

Ann Arbor

Fraction

1/4 1/4 1/4

Section No.

19

Town No.

2

Range No.

NS 6 E

Distance and Direction from Road Intersection

1/4 mile East of Miller & Maple

Street Address & City of Well Location

11605 Miller

12. OWNER OF WELL

Address

Laura Dunbar
11605 Miller
Ann Arbor, MI 48103

Address Same as Well Location ☒ Yes ☐ No

2. WELL DEPTH:

120 ft.

3. Date Plugging Completed

10-22-09

13. DROP PIPE/PUMPING EQUIPMENT REMOVED

☒ Yes ☐ No (Explain in COMMENTS)

4. USE:

- ☒ Single Family ☐ Type I Public ☐ Heat Pump
☐ Irrigation ☐ Type II Public ☐
☐ Test Well ☒ Type III Public

14. PLUGGING MATERIAL:

Bentonite Chips from 0 ft. to 105 ft. 13 50# bags
Bentonite Pellets from _____ ft. to _____ ft. 50# bags
Bentonite Grout from _____ ft. to _____ ft. 50# bags
Neat Cement from _____ ft. to _____ ft. 94# bags
Cement Grout from _____ ft. to _____ ft. 94# bags
Other _____

5. REASON FOR ABANDONING WELL

- ☒ Municipal Water Hookup ☐ New Well Drilled
☐ Other _____ ☐ Unrepairable

6. CASING:

4 in. dia. to 105 ft. depth.
_____ in. dia. to _____ ft. depth

7. CASING MATERIAL

- ☒ Steel ☐ Other _____
☐ Plastic

8. CASING STATUS AFTER PLUGGING

- ☒ Buried 4 ft. below grade ☐ Removed
☐ Above Grade _____ in.

9. FLOWING WELL: ☐ Yes ☒ No

10. SITE SKETCH:

Show location of plugged well(s) relative to buildings, drives, roads, and other structures or landmarks on site. Include a North arrow.



11. COMMENTS

Pump broke off 105ft
below top of casing

N 42.12386
W 083.38350

NOTE: Plugging from well bottom up to ground surface is required.

15. LOST CIRCULATION ZONE MATERIALS USED

☐ Yes ☒ No
Type _____ Quantity _____ Placed from _____ ft. to _____ ft.

16. PLUGGING SKETCH (Complete if combination of materials was used.)
Show type of plugging materials and interval plugged.

MATERIAL _____

FEET BELOW GRADE

17. WATER WELL CONTRACTOR'S CERTIFICATION:

This well was plugged under my jurisdiction and this report is true to the best of my knowledge and belief.

REGISTERED BUSINESS NAME

Address

Signed

Keller Well Drilling
5615 Carlson Rd Howell, MI 48843
Dan Blum

Date

1924
10-23-09

IMPORTANT: File with deed.

WELL OWNER COPY

Exhibit 8

Michael Caldwell

From: Michael Caldwell
Sent: Sunday, September 13, 2009 4:37 PM
To: Gill, Celeste; Alan D. Wasserman; Fotouhi, Farsad
Cc: Kolon, Sybil (DEQ); Adelman, Mitch (DEQ); Laurel_Beyer@pall.com
Subject: RE: Well ID lists

One thing I wanted to make clear is that we are going to ask for permission to inspect the agreed upon properties when we send the survey (and the attached PZ Order). If we don't get a response, we do not intend to send another letter asking for permission to inspect again. Just wanted to make sure you were ok with that. Let us know if you are not.

Michael L. Caldwell
Zausmer, Kaufman, August, Caldwell & Tayler, P.C.
31700 Middlebelt Rd., Ste. 150
Farmington Hills, Michigan 48334
(248) 851-4111 (p)
(248) 851-0100 (f)

-----Original Message-----

From: Gill, Celeste [mailto:GillCR@michigan.gov]
Sent: Friday, September 11, 2009 6:05 PM
To: Michael Caldwell; Alan D. Wasserman; Fotouhi, Farsad
Cc: Kolon, Sybil (DEQ); Adelman, Mitch (DEQ)
Subject: Well ID lists

Everyone, please let me explain before anyone panics. I have attached two lists. The first is the list of addresses that the parties have agreed will be surveyed and/or inspected (if needed), and a copy of the PZ order provided (except in the case of the 5 N Main properties which will only be provided a copy of the PZ order). The second list summarizes the addresses for which Pall agreed to: provide the source or documentation to MDEQ; or confirm whether the PZ order was provided with the original survey (and if not provided, to do so). I believe I captured everything we have agreed upon, but if I missed something or got something wrong, please point it out, I will not be offended.

Have a good weekend.

Celeste R. Gill
Assistant Attorney General
Environment, Natural Resources and Agriculture P.O. Box 30755 Lansing, MI 48909 Ph.
(517)373-7540 Fax (517)373-1610
email: gillcr@michigan.gov

Overnight Mail
6th Floor, G. Mennen Williams Bldg.
525 West Ottawa Street
Lansing, MI 48933

