State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Site Remediation and Waste Management Program
Bureau of Ground Water Pollution Abatement
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PHIL MURPHY
Governor

SHEILA OLIVER
Lt. Governor

CATHERINE R. MCCABE
Acting Commissioner

7 August 2018

Maria Kaouris, Remediation Manager
Honeywell International, Inc.
115 Tabor Road
Morris Plains, NJ 07950

Re: Revised Classification Exception Area/Well Restriction Area Associated with Historic Fill
Study Area 6 South
427 Route 440 & Kellogg Street
Block 24601, Lots 1 through 12
Jersey City, Hudson County
Program Interest Number: (PI# 745719)
Subject Item ID: CEA1000000008

Dear Ms. Kaouris,

The New Jersey Department of Environmental Protection (Department) established a Classification Exception Area/Well Restriction Area (CEA/WRA) for contamination in the ground water at this site on 28 March 2018. Although contamination in the ground water at this site remains above the Ground Water Quality Standards (N.J.A.C. 7:9C-1.7), additional data has been provided which necessitates a revision to the established CEA to more accurately reflect ground water conditions. The Department has based this determination on environmental data provided by Dennis Nagg of Wood Environment & Infrastructure Solutions, Inc., on a CEA/WRA Fact Sheet Form received by the Department on 24 May 2018. The Department has revised the CEA/WRA for historic fill as described below, and in the enclosed CEA Fact Sheet.

Groundwater monitoring data indicate total chromium is sporadically detected in a few wells. Since all hexavalent chromium-impacted soils exceeding 20 mg/kg have been excavated from the Study Area 6 South Development AOC, the results are not related to the presence of any chromium ore processing residue (COPR) impacted soils but are attributed to historic fill. Therefore, total chromium has been added to this CEA.

Additionally, the extent of the historic fill CEA has been altered. The historic fill CEA comprises the developable portion of Study Area 6 South. The chromium-impacted soils that have been consolidated in the Open Space AOC portion of the Site are fully contained by a hydraulic barrier

and capped with a RCRA-equivalent cap, and are covered by a separate CEA, issued by the Department on 14 June 2018.

Please note that the subject area is comprised of separate parcels that include six Hudson County Chrome sites, listed below, which have been consolidated into one area named "Study Area 6 South Non-Chromium", and given the Program Interest number PI# 745719.

Site Name	**Chrome Site #**	**Program Interest #**	**Address**
Degen Oil	073	G000000927	200 Kellogg St.
Roosevelt Bowling Lanes	124	G000008741	427 Route 440
Delphic Consolidation	125	G000008742	60 Kellogg St.
Old Dominion	134	033312	100 Kellogg St.
ABF Trucking	140	003846	80 Kellogg St.
Posnak & Turkish	163	010374	75 Kellogg St.

The CEA/WRA has an indeterminate duration, and no fees, monitoring, maintenance, or reporting requirements are associated with it. The Department will have the responsibility for maintaining this CEA/WRA.

Thank you for your attention to this matter. If you have any comments or questions regarding this CEA/WRA, please contact David Van Eck at (609) 633-2427.

Sincerely,

Mary Anne Kuserk, Chief
Bureau of Ground Water Pollution Abatement

Enclosure

c: Peter Jaran, Equity Environmental Engineering LLC
Carrie Nawrocki, Hudson Regional Health Commission
Francesca Giarratana, Hudson County Division of Planning
Stacey Flanagan, Department of Health & Human Services (Local)
E. Junior Maldonado, Clerk of Hudson County
Robert Byrne, Office of the Jersey City Clerk

Classification Exception Area/Well Restriction Area for Historic Fill

Case Information

Subject Item	*Designation*
CEA100000008	273123

Case ID: 745719 - VIC180001
Case Number: STUDY AREA 6 NON CHROME-SOUTH
Preferred Id: 745719
Case: Study Area 6 Non-Chrome - South
Address: 427 Route 440
60 75 80 Kellogg St
City: Jersey City
County: Hudson

Lot and Block of the Case

Block	*Lot*
24601	1
24601	2
24601	3
24601	4
24601	5
24601	6
24601	7
24601	8
24601	9
24601	10
24601	11

Site Location: Refer to Exhibit A –Site Location Map

Lot and Block of the CEA

Subject Item	*Block*	*Lot*	*Municipality*
CEA100000008	24601	1	Jersey City
CEA100000008	24601	2	Jersey City
CEA100000008	24601	3	Jersey City
CEA100000008	24601	4	Jersey City
CEA100000008	24601	5	Jersey City
CEA100000008	24601	6	Jersey City
CEA100000008	24601	7	Jersey City
CEA100000008	24601	8	Jersey City
CEA100000008	24601	9	Jersey City
CEA100000008	24601	10	Jersey City
CEA100000008	24601	11	Jersey City
CEA100000008	24601	12	Jersey City

Facility Contact(s)

NJDEP Contact: New Jersey Department of Environmental Protection
Bureau of Remedial Action Permitting
Mail Code 401-05S
P.O. Box 420
Trenton, NJ 08625-0420
Phone: (609) 984-2990

CEA Information

Subject Item	*Description*
CEA100000008	Historic fill CEA for properties along Kellogg Street, west of Route 440 to the Hackensack River, including only Development areas, excluding the Open Space area.

Subject Item	*Affected Formation*	*Vertical Depth*
CEA100000008	Fill	15 feet

Subject Item	*Classification*
CEA100000008	II-A

Contaminant

This CEA/WRA applies only to the contaminants listed in the table below. The ground water quality criteria / primary drinking water standards for these contaminants are listed in micrograms per liter (µg/L). All constituent standards (N.J.A.C. 7:9C-1.6) apply at the designated boundary.

Subject Item	*Contaminant*	*Concentration (1)*	*GWQS (2)*
CEA100000008	Aluminum	39500 Micrograms Per Liter	200 Micrograms Per Liter
CEA100000008	Arsenic	425 Micrograms Per Liter	3 Micrograms Per Liter
CEA100000008	Benzo(a)anthracene	.82 Micrograms Per Liter	.1 Micrograms Per Liter
CEA100000008	Benzo(a)pyrene	.39 Micrograms Per Liter	.1 Micrograms Per Liter
CEA100000008	Benzo(b)fluoranthene	.46 Micrograms Per Liter	.2 Micrograms Per Liter
CEA100000008	Beryllium	2 Micrograms Per Liter	1 Micrograms Per Liter
CEA100000008	Bis (2-ethylhexyl) phthalate	9.1 Micrograms Per Liter	3 Micrograms Per Liter
CEA100000008	Chromium (total)	3260 Micrograms Per Liter	70 Micrograms Per Liter
CEA100000008	Dimethylphenol (2,4-)	218 Micrograms Per Liter	100 Micrograms Per Liter
CEA100000008	Iron	36400 Micrograms Per Liter	300 Micrograms Per Liter
CEA100000008	Lead	207 Micrograms Per Liter	5 Micrograms Per Liter
CEA100000008	Manganese	2780 Micrograms Per Liter	50 Micrograms Per Liter
CEA100000008	Nickel	1520 Micrograms Per Liter	100 Micrograms Per Liter
CEA100000008	Sodium	2680 Milligrams per Liter	50 Milligrams per Liter

Note: *(1)* Maximum concentration detected at the time of CEA establishment
(2) Ground Water Quality Standards

CEA Boundary: Refer to Exhibit B –CEA Boundary Map

Projected Term of CEA:

Subject Item	*Date Established*
CEA100000008	3/28/2018

Subject Item	*Duration in Years*
CEA100000008	Indeterminate

Note **Since groundwater quality data indicates exceedance of contaminants above the Primary Drinking Water Standards, and the designated uses of Class II-A aquifers include potable use, the CEA established for this site is also a Well Restriction Area. The extent of Well Restriction shall coincide with the boundaries of the CEA**

Well Restrictions set within the boundaries of the CEA

Subject Item	*Restriction*
CEA100000008	Double Case Wells: With the exception of monitoring wells installed into the first water bearing zone, any proposed well to be installed within the CEA/WRA boundary shall be double cased to an appropriate depth in order to prevent any vertical contaminant migration pathways. This depth is either into a confining layer or 50 feet below the vertical extent of the CEA.

Exhibit A –Site Location Map

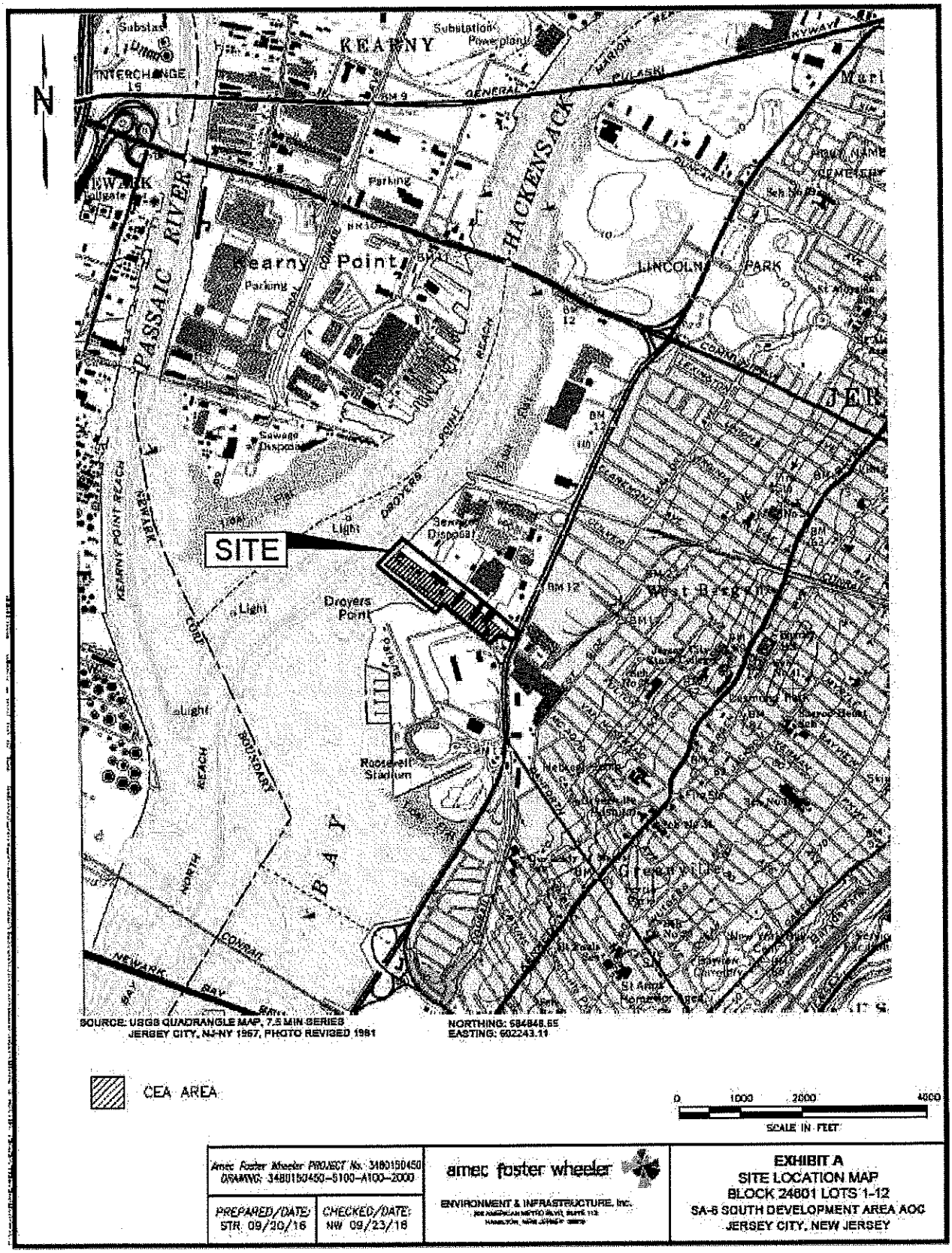

Exhibit B –CEA Boundary Map