



## State of New Jersey

Department of Environmental Protection  
SITE REMEDIATION AND WASTE MANAGEMENT PROGRAM  
Division of Remediation Management  
Remediation Oversight Element  
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609-984-1351  
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PHILIP D. MURPHY  
*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

CATHERINE R. McCABE  
*Acting Commissioner*

Honeywell  
Ms. Maria Kaouris  
Remediation Manager  
115 Tabor Road, 4-D4  
Morris Plains, NJ 07950  
via email

September 20, 2018

### Approval

Re: Consent Judgment Compliance Letter

Remedial Action Type: Unrestricted Use for Shallow Groundwater and Restricted Use for Deep Overburden and Bedrock Zones Groundwater

Scope of Remediation: Entire Site - Chromate Chemical Processing Waste (CCPW) and CCPW-Related Metals - Allied

Hudson County Chromate (HCC) Study Area 7 Chromium Remedy

HCC Sites 115, 120, and 157

Program Interest Numbers: G000002548, G000008737, G000008771

Blocks/Lots: Block 21901, Lots 6, 7 and 8

Jersey City, Hudson County, NJ

Dear Ms. Kaouris:

This letter updates and supplements the Soil Only Unrestricted Use for the Entire Site No Further Action (NFA-E) letter the Department issued to Honeywell for Study Area 7., Hudson County Chromate Sites 115, 120 and 157, on December 23, 2010. This Compliance Letter addresses groundwater for the entire site, as further described below. The New Jersey Department of Environmental Protection (Department) has reviewed the site soil and groundwater remediation documents submitted by Honeywell pursuant to Paragraph 23.E of the 2011 Consent Judgment, and associated documents regarding remediation of chromate chemical production waste (CCPW) and CCPW-related metals (defined as hexavalent chromium, antimony, chromium, nickel, thallium, and vanadium) at HCC Sites 115, 120 and 157, information in the Department's case file, and the certified representations and information provided to the Department.

The Department concurs with the conclusions of the Shallow Groundwater Remediation Action Report – Study Area 7 (dated November 2017), approved by the Department on December 8,

2017, that shallow groundwater meets the Department's Ground Water Quality Standard for chromium and that no further action is required for shallow groundwater with respect to chromium. Shallow Groundwater refers to groundwater within fill material above the meadow mat (also referred to in site documents as Stratum D), generally to a depth of 20 feet below ground surface. The deeper groundwater zones, referred to as the deep overburden and bedrock zones, are addressed by Remedial Action Groundwater Permits for Site 117 Former Ryerson Steel (PI No.008809) issued on July 27, 2018 (Permit No. 170002 – Deep Overburden and Permit No. 170003 – Bedrock Zone). See Attachment 1 for site location map and figures from the Remedial Action Groundwater Permits showing extent of Classification Exception Areas for the deep overburden and bedrock zones.

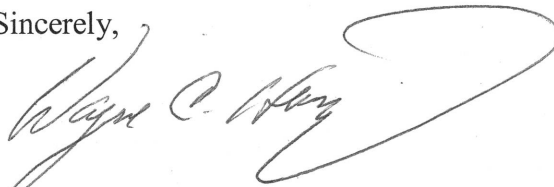
Based on the information provided, the Department concludes that the remediation of the CCPW and CCPW-related metals in groundwater is protective of public health, safety, and the environment. The Department further concludes that the remediation satisfies the requirements of the Consent Judgment in New Jersey Department of Environmental Protection, et al. v. Honeywell International Inc., et al., Docket No C-77-05, Superior Court of New Jersey, Chancery Division-Hudson County (filed September 7, 2011) (“Consent Judgment”), the Technical Requirements for Site Remediation at N.J.A.C. 7:26E, and the Administrative Requirements for Remediation of Contaminated Sites at N.J.A.C. 7:26C. As a result, the Department has determined that remediation of the CCPW and CCPW-related metals in groundwater are not subject to further review pursuant to N.J.S.A. 58:10C-21 and 58:10C-25.

By operation of law, a Covenant Not to Sue pursuant to N.J.S.A. 58:10B-13.2 applies to this remediation of CCPW and CCPW-related metals in groundwater. The Covenant Not to Sue is subject to any conditions and limitations contained herein, and remains effective as long as the real property referenced above continues to meet those conditions. This includes the need to continue to comply with any permit Honeywell is required to obtain or has obtained. Anticipated permits include monitoring well installation permits for any new monitoring wells and well decommissioning notice per N.J.A.C. 7:9D-3 for the eventual decommissioning of any site monitoring wells.

This letter serves as the functional equivalent to No Further Action (“NFA”) letters issued pursuant to N.J.S.A. §58:10B-13.1 and N.J.A.C. 7:26C before those provisions were amended effective in 2012 to no longer authorize NFA letters. The Department recognizes this letter as serving the same function as previously served by NFA letters, and satisfies the same legal obligations formerly met by NFA letters, for sites regulated directly by NJDEP.

The Department requests Honeywell submit copies of this letter to the appropriate parties. If you have any questions regarding this matter, please contact me at (609) 984-1351.

Sincerely,

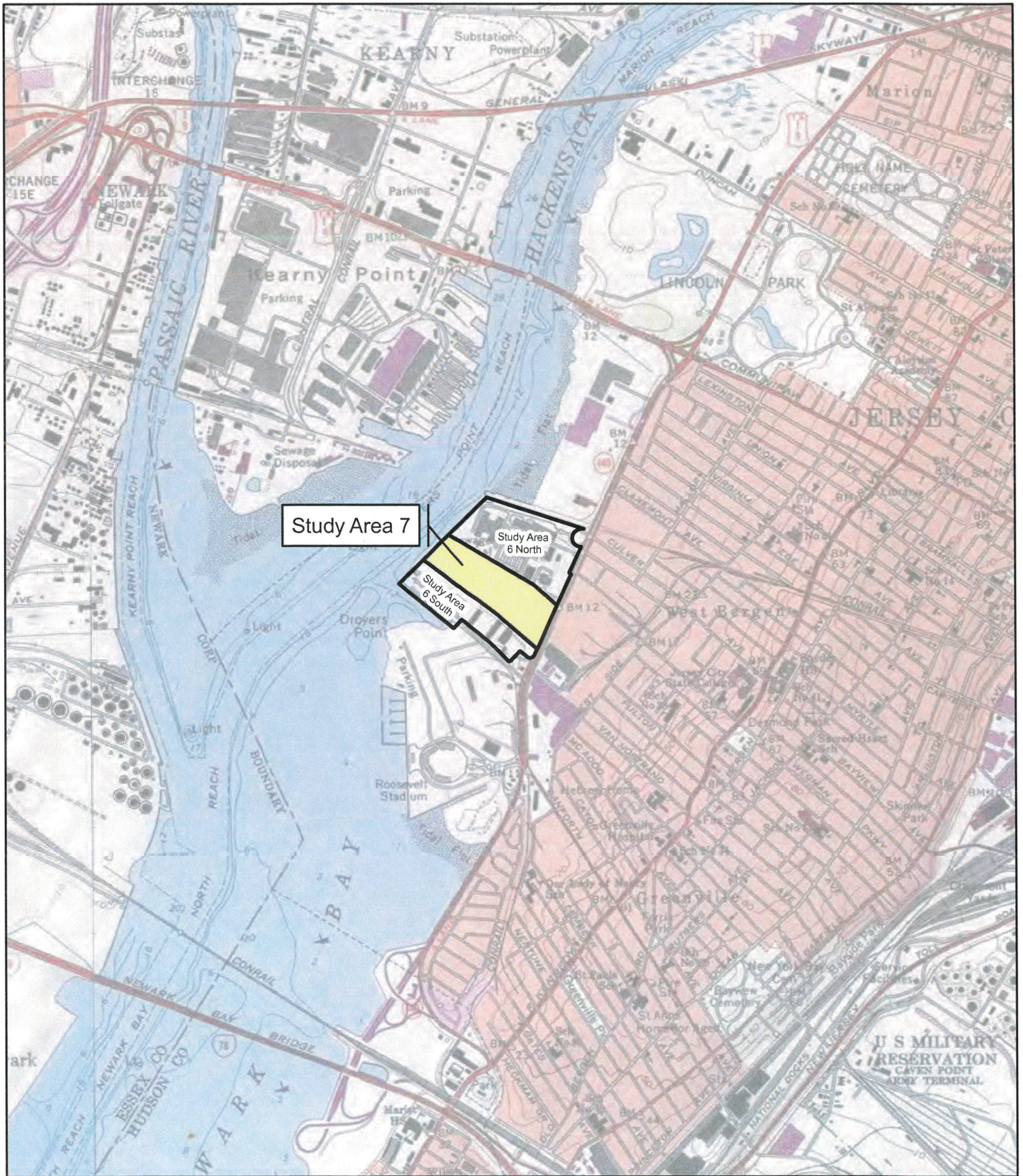
A handwritten signature in black ink, appearing to read "Wayne C. Howitz". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Wayne C. Howitz, Assistant Director  
NJDEP

cc: John Morris, Honeywell  
William Hague, Honeywell  
Jersey City Department of Health & Human Services  
Municipal Clerk, City of Jersey City  
Hudson County Regional Health Commission  
David Doyle, NJDEP Case Manager  
Kirstin Pointin-Hahn, NJDEP BCAIN

**ATTACHMENT 1**





Source: New Jersey, NJ USGS Quadrangle Map, 1981  
 Elizabeth, NJ USGS Quadrangle Map, 1995



**Figure 1**  
 Site Location Map  
 Study Area 7  
 Block 21901, Lots 6, 7, and 8  
 Jersey City, New Jersey



Exhibit B (CEA Boundaries)



# Honeywell Main Facility Deep Overburden Aquifer - PI #008809; Subject Item ID 167477

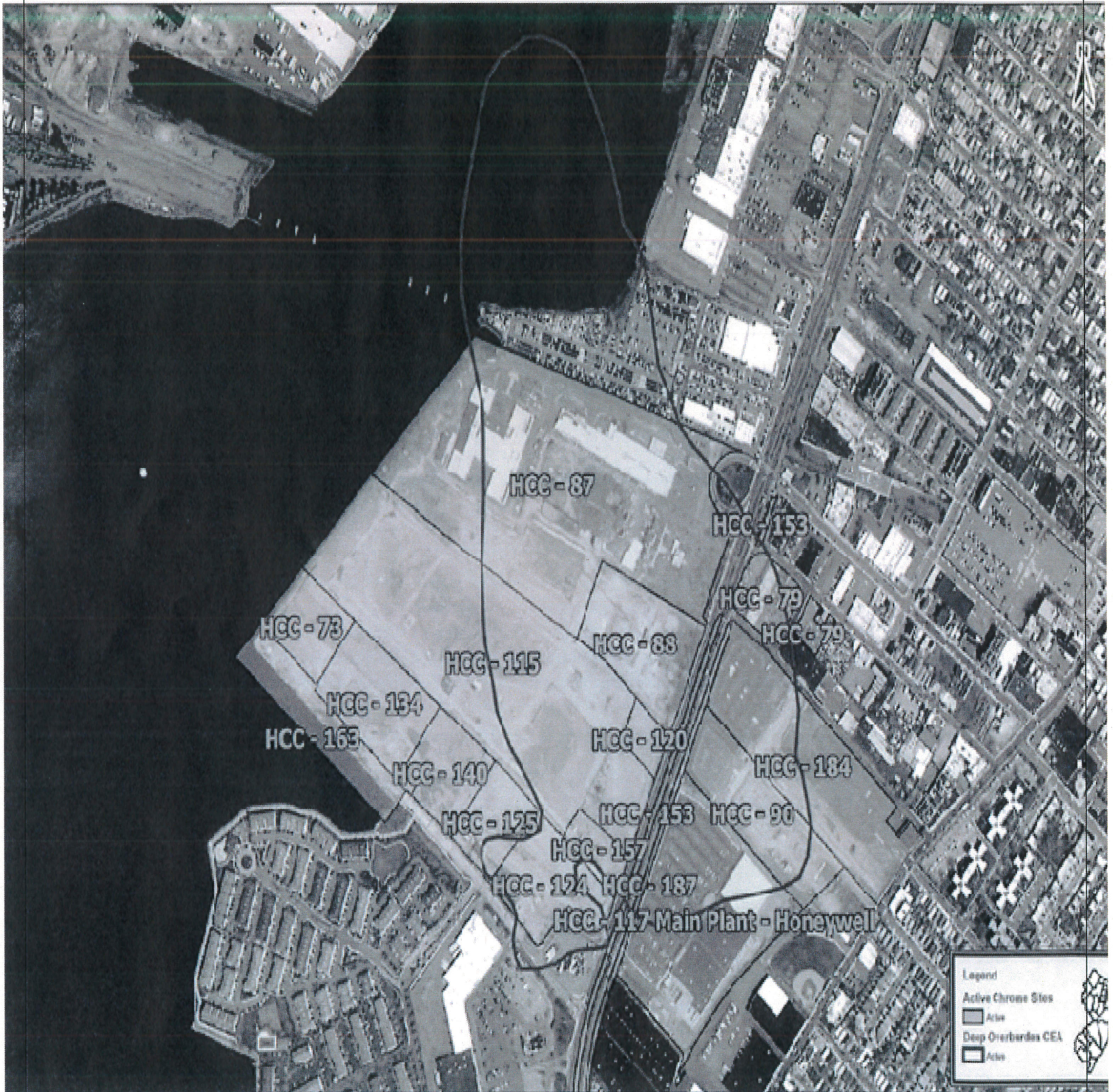




Exhibit B (CEA Boundaries)



Honeywell Main Facility Bedrock Aquifer  
- PI #008809; Subject Item ID 167478

