

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**SCHEDULE 13G**

Under the Securities Exchange Act of 1934

(Amendment No. 1)\*

**KLX Energy Services Holdings, Inc.**

(Name of Issuer)

Common Stock, par value \$0.01 per share

(Title of Class of Securities)

48253L205

(CUSIP Number)

September 11, 2023

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Continued on the following pages

Page 1 of 15 Pages  
Exhibit Index: Page14

<b>1</b>	<b>NAMES OF REPORTING PERSONS</b> Greene's Holding Corp	
<b>2</b>	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	<b>SEC USE ONLY</b>	
<b>4</b>	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> Delaware	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>5</b>	<b>SOLE VOTING POWER</b> 0
	<b>6</b>	<b>SHARED VOTING POWER</b> 800,962
	<b>7</b>	<b>SOLE DISPOSITIVE POWER</b> 0
	<b>8</b>	<b>SHARED DISPOSITIVE POWER</b> 800,962
<b>9</b>	<b>AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON</b> 800,962	
<b>10</b>	<b>CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)</b> <input type="checkbox"/>	
<b>11</b>	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 4.9%	
<b>12</b>	<b>TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)</b> HC, CO	

<b>1</b>	<b>NAMES OF REPORTING PERSONS</b> Greene's Investment Holdings LLC	
<b>2</b>	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	<b>SEC USE ONLY</b>	
<b>4</b>	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> Delaware	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>5</b>	<b>SOLE VOTING POWER</b> 0
	<b>6</b>	<b>SHARED VOTING POWER</b> 2,061,484
	<b>7</b>	<b>SOLE DISPOSITIVE POWER</b> 0
	<b>8</b>	<b>SHARED DISPOSITIVE POWER</b> 2,061,484
<b>9</b>	<b>AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON</b> 2,061,484	
<b>10</b>	<b>CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)</b> <input type="checkbox"/>	
<b>11</b>	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 12.6%	
<b>12</b>	<b>TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)</b> HC, OO	

<b>1</b>	<b>NAMES OF REPORTING PERSONS</b> Denham IV Continuation Fund LP	
<b>2</b>	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	<b>SEC USE ONLY</b>	
<b>4</b>	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> Cayman Islands	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>5</b>	<b>SOLE VOTING POWER</b> 0
	<b>6</b>	<b>SHARED VOTING POWER</b> 2,061,484
	<b>7</b>	<b>SOLE DISPOSITIVE POWER</b> 0
	<b>8</b>	<b>SHARED DISPOSITIVE POWER</b> 2,061,484
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<b>11</b>	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 12.6%	
<b>12</b>	<b>TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)</b> HC, PN	

<b>1</b>	<b>NAMES OF REPORTING PERSONS</b> Denham IV Continuation Fund GP LP	
<b>2</b>	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	<b>SEC USE ONLY</b>	
<b>4</b>	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> Cayman Islands	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>5</b>	<b>SOLE VOTING POWER</b> 0
	<b>6</b>	<b>SHARED VOTING POWER</b> 2,061,484
	<b>7</b>	<b>SOLE DISPOSITIVE POWER</b> 0
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<b>11</b>	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 12.6%	
<b>12</b>	<b>TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)</b> HC, PN	

<b>1</b>	<b>NAMES OF REPORTING PERSONS</b> Denham IV Continuation GP LLC	
<b>2</b>	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	<b>SEC USE ONLY</b>	
<b>4</b>	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> Cayman Islands	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>5</b>	<b>SOLE VOTING POWER</b> 0
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<b>11</b>	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 12.6%	
<b>12</b>	<b>TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)</b> HC, OO	

<b>1</b>	<b>NAMES OF REPORTING PERSONS</b> Denham Capital Management LP	
<b>2</b>	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	<b>SEC USE ONLY</b>	
<b>4</b>	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> Delaware	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>5</b>	<b>SOLE VOTING POWER</b> 0
	<b>6</b>	<b>SHARED VOTING POWER</b> 2,061,484
	<b>7</b>	<b>SOLE DISPOSITIVE POWER</b> 0
	<b>8</b>	<b>SHARED DISPOSITIVE POWER</b> 2,061,484
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<b>11</b>	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 12.6%	
<b>12</b>	<b>TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)</b> IA, PN	

<b>1</b>	<b>NAMES OF REPORTING PERSONS</b> Denham Capital Management GP LLC	
<b>2</b>	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	<b>SEC USE ONLY</b>	
<b>4</b>	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> Delaware	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>5</b>	<b>SOLE VOTING POWER</b> 0
	<b>6</b>	<b>SHARED VOTING POWER</b> 2,061,484
	<b>7</b>	<b>SOLE DISPOSITIVE POWER</b> 0
	<b>8</b>	<b>SHARED DISPOSITIVE POWER</b> 2,061,484
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<b>11</b>	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 12.6%	
<b>12</b>	<b>TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)</b> HC, OO	



<b>1</b>	<b>NAMES OF REPORTING PERSONS</b> Stuart D. Porter	
<b>2</b>	<b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP</b> (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	<b>SEC USE ONLY</b>	
<b>4</b>	<b>CITIZENSHIP OR PLACE OF ORGANIZATION</b> United States	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>5</b>	<b>SOLE VOTING POWER</b> 0
	<b>6</b>	<b>SHARED VOTING POWER</b> 2,061,484
	<b>7</b>	<b>SOLE DISPOSITIVE POWER</b> 0
	<b>8</b>	<b>SHARED DISPOSITIVE POWER</b> 2,061,484
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<b>11</b>	<b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b> 12.6%	
<b>12</b>	<b>TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)</b> HC, IN	

**Item 1(a). NAME OF ISSUER**

KLX Energy Services Holdings, Inc. (the "Issuer").

**Item 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES**

3040 Post Oak Boulevard, 15th Floor, Houston, TX, 77056.

**Item 2(a). NAME OF PERSON FILING**

This statement is filed on behalf of each of the following persons (collectively, the "Reporting Persons"):

- (i) Greene's Holding Corp ("GHC");
- (ii) Greene's Investment Holdings LLC ("GIH");
- (iii) Denham IV Continuation Fund LP ("Denham IV Fund");
- (iv) Denham IV Continuation Fund GP LP ("Denham IV Fund GP");
- (v) Denham IV Continuation GP LLC ("Denham IV GP");
- (vi) Denham Capital Management LP ("DCM");
- (vii) Denham Capital Management GP LLC ("DCM GP"); and
- (viii) Stuart D. Porter (Mr. Porter).

This Statement relates to shares of Common Stock (as defined herein) held directly by each of GHC and GIH. GIH is the majority owner of GHC. Denham IV Fund is the sole owner of GIH. Denham IV Fund GP is the general partner of Denham IV Fund. Denham IV GP is the general partner of Denham IV Fund GP. DCM serves as investment adviser to Denham IV Fund. DCM GP is the general partner of DCM. Mr. Porter is the sole owner of DCM GP and the controlling member of Denham IV GP, and serves as Chief Executive Officer and Chief Investment Officer of DCM. Because of the relationship among the Reporting Persons, each of the Reporting Persons may be deemed to be the beneficial owner of 800,962 shares of Common Stock held directly by GHC, and each of GIH, Denham IV Fund, Denham IV Fund GP, Denham IV GP, DCM, DCM GP and Mr. Porter may be deemed to be the beneficial owner of 1,260,522 shares of Common Stock held directly by GIH.

**Item 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE**

The address of principal business office of each of the Reporting Persons is 185 Dartmouth Street, Boston, MA, 02116.

**Item 2(c). CITIZENSHIP**

- (i) GHC is a Delaware corporation;
- (ii) GIH is a Delaware limited liability company;
- (iii) Denham IV Fund is a Cayman Islands limited partnership;
- (iv) Denham IV Fund GP is a Cayman Islands limited partnership;
- (v) Denham IV GP is a Cayman Islands limited liability company;
- (vi) DCM is a Delaware limited partnership;
- (vii) DCM GP is a Delaware limited liability company; and
- (viii) Mr. Porter is a citizen of the United States.

**Item 2(d). TITLE OF CLASS OF SECURITIES**

Common stock, par value \$0.01 per share ("Common Stock")

**Item 2(e). CUSIP NUMBER**

48253L205

**Item 3. IF THIS STATEMENT IS FILED PURSUANT TO Rules 13d-1(b), OR 13d-2(b) OR (c), CHECK WHETHER THE PERSON FILING IS A:**

Not applicable.

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**Item 4. OWNERSHIP****Item 4(a). Amount Beneficially Owned:**

As of the date hereof, GHC may be deemed to be the beneficial owner of 800,962 shares of Common Stock held directly by it, and each of GIH, Denham IV Fund, Denham IV Fund GP, Denham IV GP, DCM, DCM GP and Mr. Porter may be deemed to be the beneficial owner of 800,962 shares of Common Stock held directly by GHC and 1,260,522 shares of Common Stock held directly by GIH.

**Item 4(b). Percent of Class:**

As of the date hereof, GHC may be deemed to be the beneficial owner of approximately 4.9% of the shares of Common Stock outstanding, and each of GIH, Denham IV Fund, Denham IV Fund GP, Denham IV GP, DCM, DCM GP and Mr. Porter may be deemed to be the beneficial owner of approximately 12.6% of the shares of Common Stock outstanding. These percentages are calculated based on 16,407,421 shares of Common Stock outstanding as of August 3, 2023, as reported in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on August 10, 2023.

**Item 4(c). Number of Shares as to Which Such Person has:**

GHC:

- (i) Sole power to vote or direct the vote: 0
- (ii) Shared power to vote or direct the vote: 800,962
- (iii) Sole power to dispose or direct the disposition of: 0
- (iv) Shared power to dispose or direct the disposition of: 800,962

Each of GIH, Denham IV Fund, Denham IV Fund GP, Denham IV GP, DCM, DCM GP and Mr. Porter:

- (i) Sole power to vote or direct the vote: 0
- (ii) Shared power to vote or direct the vote: 2,061,484
- (iii) Sole power to dispose or direct the disposition of: 0
- (iv) Shared power to dispose or direct the disposition of: 2,061,484

**Item 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS**

If this statement is being filed to report the fact that as of the date hereof one of the reporting persons has ceased to be the beneficial owner of more than five percent of the class of securities, check the following.

Effective September 11, 2023, GHC ceased to be a beneficial owner of more than five percent of the shares of Common Stock. As of the date hereof, each of GIH, Denham IV Fund, Denham IV Fund GP, Denham IV GP, DCM, DCM GP and Mr. Porter continues to be a beneficial owner of more than five percent of the shares of Common Stock.

**Item 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON**

Not applicable.

**Item 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY OR CONTROL PERSON**

See disclosure in Item 2 hereof.

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**Item 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP**

Not applicable.

**Item 9. NOTICE OF DISSOLUTION OF GROUP**

Not applicable.

**Item 10. CERTIFICATION**

By signing below each Reporting Person certifies that, to the best of his or its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the Issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

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**SIGNATURES**

After reasonable inquiry and to the best of his or its knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Date: September 13, 2023

Greene's Holding Corp

By: /s/ Steven Smith

Name: Steven Smith

Title: Director

Greene's Investment Holdings LLC

By: /s/ Cody Nicholson

Name: Cody Nicholson

Title: Secretary

Denham IV Continuation Fund LP

By: Denham IV Continuation Fund GP LP, its General Partner

By: Denham IV Continuation GP LLC, its General Partner

By: /s/ Anthony Fiore

Name: Anthony Fiore

Title: Managing Director

Denham IV Continuation Fund GP LP

By: Denham IV Continuation GP LLC, its General Partner

By: /s/ Anthony Fiore

Name: Anthony Fiore

Title: Managing Director

Denham IV Continuation GP LLC

By: /s/ Anthony Fiore

Name: Anthony Fiore

Title: Managing Director

Denham Capital Management LP

By: /s/ Anthony Fiore

Name: Anthony Fiore

Title: Chief Legal Officer

Denham Capital Management GP LLC

By: /s/ Anthony Fiore

Name: Anthony Fiore

Title: Chief Legal Officer

/s/ Stuart D. Porter

Stuart D. Porter

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**EXHIBIT INDEX**

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## JOINT FILING AGREEMENT

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned pursuant to and in accordance with the provisions of Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing agreements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him or it contained herein and therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that he or it knows or has reason to believe that such information is inaccurate.

Date: September 13, 2023

Greene's Holding Corp

By: /s/ Steven Smith

Name: Steven Smith

Title: Director

Greene's Investment Holdings LLC

By: /s/ Cody Nicholson

Name: Cody Nicholson

Title: Secretary

Denham IV Continuation Fund LP

By: Denham IV Continuation Fund GP LP, its General Partner

By: Denham IV Continuation GP LLC, its General Partner

By: /s/ Anthony Fiore

Name: Anthony Fiore

Title: Managing Director

Denham IV Continuation Fund GP LP

By: Denham IV Continuation GP LLC, its General Partner

By: /s/ Anthony Fiore

Name: Anthony Fiore

Title: Managing Director

Denham IV Continuation GP LLC

By: /s/ Anthony Fiore

Name: Anthony Fiore

Title: Managing Director

Denham Capital Management LP

By: /s/ Anthony Fiore

Name: Anthony Fiore

Title: Chief Legal Officer

Denham Capital Management GP LLC

By: /s/ Anthony Fiore

Name: Anthony Fiore

Title: Chief Legal Officer

/s/ Stuart D. Porter

Stuart D. Porter